Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008322.D
Acq On : 14 Dec 2016 23:12
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 02:56:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02051

Manual Integrations APPROVED
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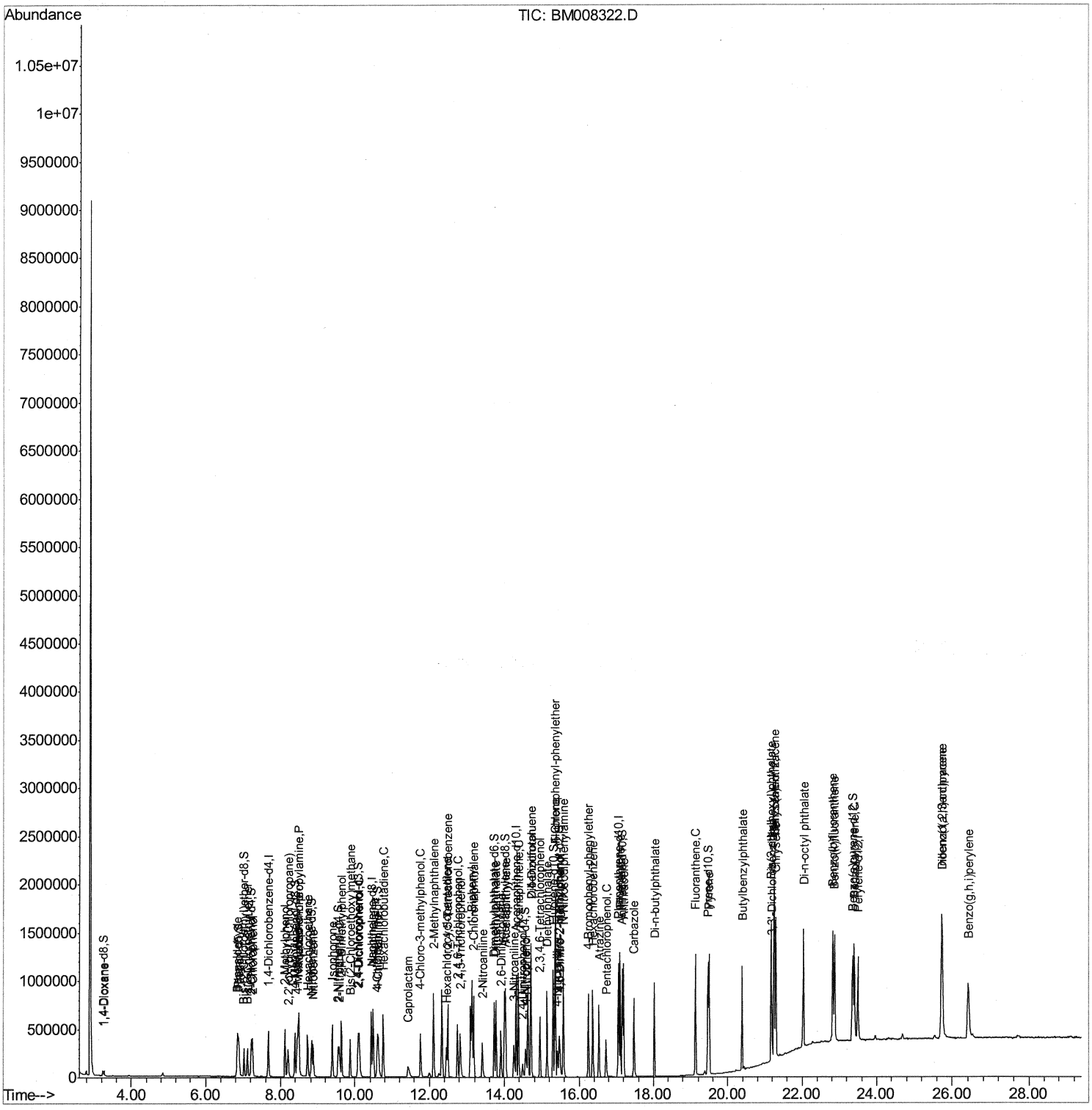

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Data File : BM008322.D
Acq On : 14 Dec 2016 23:12
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 02:34:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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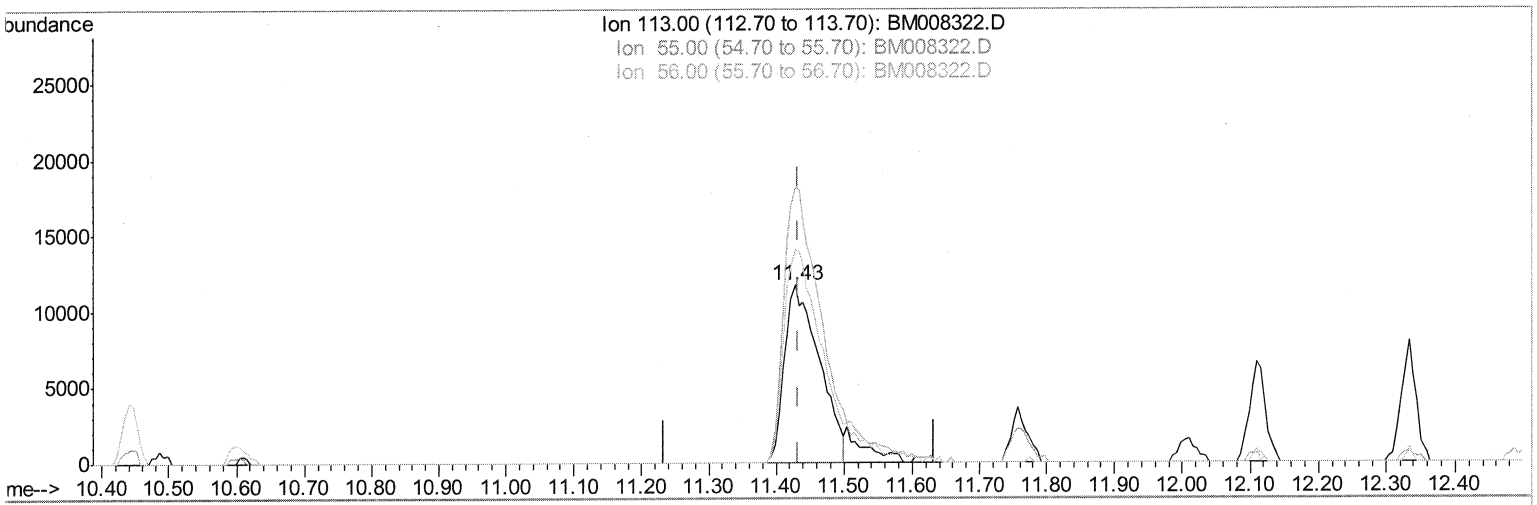

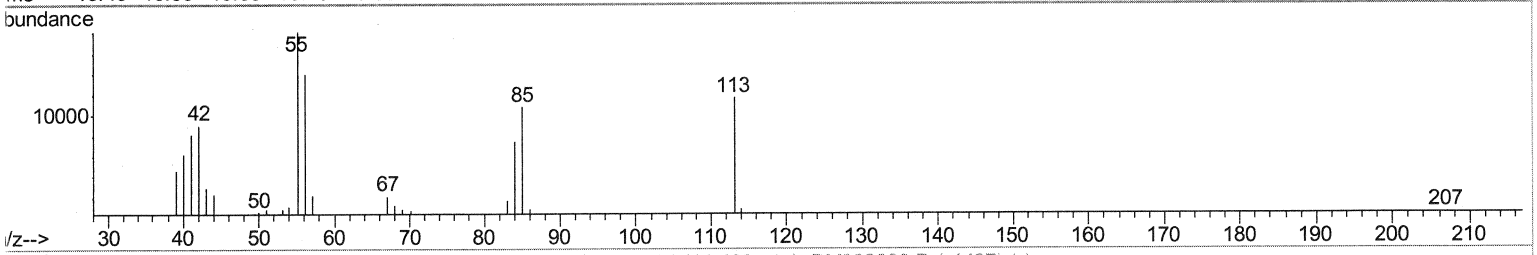

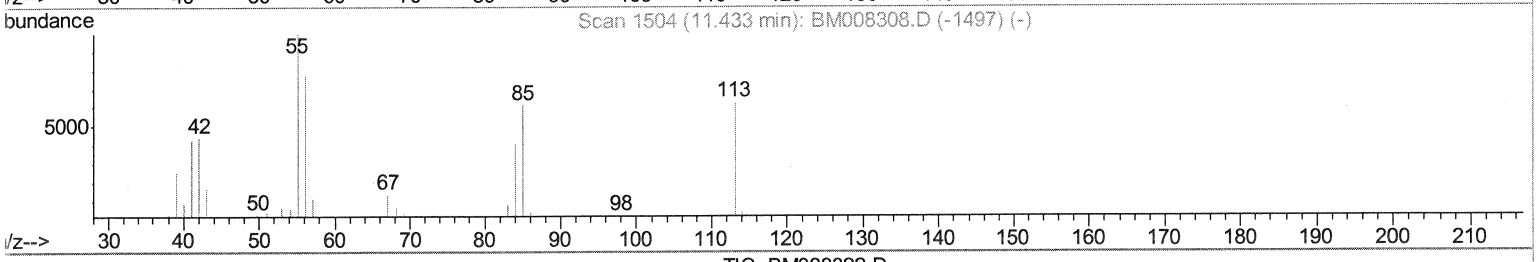

TIC: BM008322.D

(32) Caprolactam

11.428min (-0.006) 16.77ng/ul

response 41889

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	155.26
56.00	114.10	120.10
0.00	0.00	0.00

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Quant Time: Dec 15 02:34:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02051

Manual Integrations APPROVED
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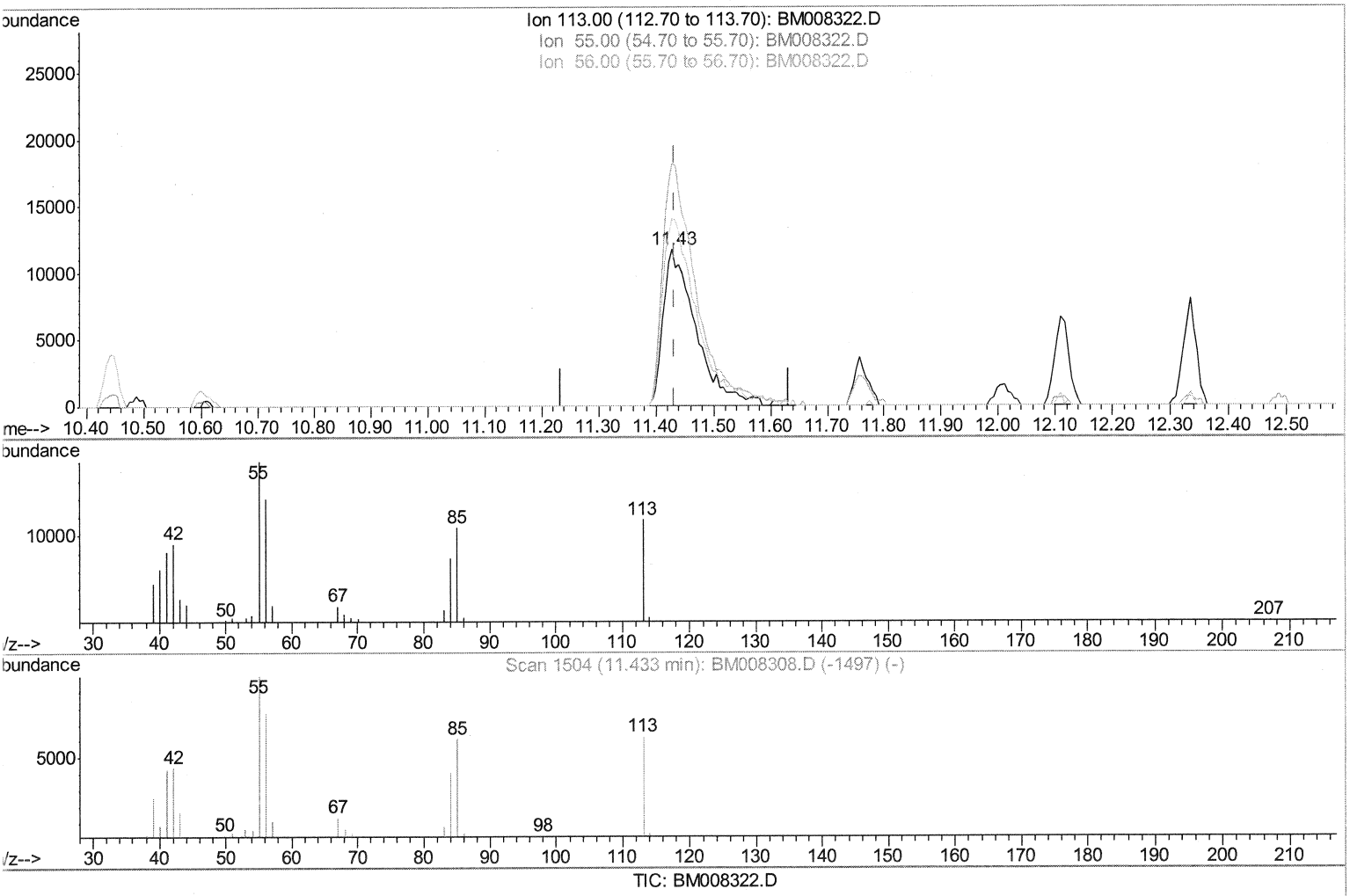
12/15/2016 5:36:59 PM



(32) Caprolactam

11.428min (-0.006) 18.64ng/ul m SJ 12/15/16

response 46571

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	155.26
56.00	114.10	120.10
0.00	0.00	0.00

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LabSampleId : SSTD02051

Manual Integrations APPROVED
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12/15/2016 5:36:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	132534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	538387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	361817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	665267	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	727755	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	700184	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	22965	8.15	ng/uL	0.00
5) Phenol-d5	6.86	99	214634	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	128385	21.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	164489	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	174984	21.97	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	82716	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	94987	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	178443	22.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	205993	22.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	511638	21.27	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	614902	21.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	53127	14.99	ng/ul	0.00
57) Fluorene-d10	15.31	176	439132	21.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	75177	18.98	ng/ul	0.00
70) Anthracene-d10	17.16	188	630482	21.75	ng/ul	0.00
76) Pyrene-d10	19.46	212	667759	23.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	648422	22.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27388	8.32	ng/uL	98
4) Benzaldehyde	6.83	77	158728	23.33	ng/ul	94
6) Phenol	6.88	94	225971	21.17	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.10	93	171682	21.54	ng/ul	100
10) 2-Chlorophenol	7.24	128	171564	21.96	ng/ul	97
11) 2-Methylphenol	8.12	108	170445	21.81	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	200616	22.14	ng/ul	100
14) Acetophenone	8.50	105	284892	21.88	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	151197	22.60	ng/ul	98
16) 4-Methylphenol	8.45	108	181549	21.42	ng/ul	98
17) Hexachloroethane	8.72	117	76009	21.33	ng/ul	98
20) Nitrobenzene	8.87	77	217038	21.64	ng/ul	99
21) Isophorone	9.39	82	402989	22.35	ng/ul	100
23) 2-Nitrophenol	9.57	139	98675	22.38	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	215418	21.87	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	228509	22.31	ng/ul	97
27) 2,4-Dichlorophenol	10.11	162	176475	22.16	ng/ul	97
28) Naphthalene	10.49	128	553782	21.73	ng/ul	99
30) 4-Chloroaniline	10.63	127	204430	22.40	ng/ul	98
31) Hexachlorobutadiene	10.76	225	138604	21.42	ng/ul	97
32) Caprolactam	11.43	113	46571m	18.64	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	187385	21.75	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	400928	21.77	ng/ul	99

SJ 12/15/16

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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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12/15/2016 5:36:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	250516	22.12	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	83518	18.25	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	142002	22.08	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	150837	21.50	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	534931	22.16	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	400923	21.67	ng/ul	96
42) 2-Nitroaniline	13.41	65	115783	21.15	ng/ul	97
44) Dimethylphthalate	13.77	163	500904	21.25	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	97382	21.21	ng/ul	98
47) Acenaphthylene	14.03	152	625474	21.63	ng/ul	98
48) 3-Nitroaniline	14.25	138	89852	19.64	ng/ul	97
49) Acenaphthene	14.37	153	429734	21.62	ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	39755	14.93	ng/ul	93
52) 4-Nitrophenol	14.57	109	51437	15.13	ng/ul	97
53) Dibenzofuran	14.72	168	619864	21.39	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	137053	19.93	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.95	232	132391	20.44	ng/ul	95
56) Diethylphthalate	15.14	149	478244	20.39	ng/ul	100
58) Fluorene	15.36	166	497158	20.89	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	268389	21.21	ng/ul	97
60) 4-Nitroaniline	15.42	138	78001	17.71	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.48	198	77453	19.09	ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	419492	23.17	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	168089	23.01	ng/ul	96
66) Hexachlorobenzene	16.37	284	186125	22.49	ng/ul	97
67) Atrazine	16.54	200	150010	20.21	ng/ul	99
68) Pentachlorophenol	16.73	266	79677	17.80	ng/ul	96
69) Phenanthrene	17.10	178	736692	21.61	ng/ul	98
71) Anthracene	17.20	178	753235	21.77	ng/ul	100
72) Carbazole	17.48	167	602231	19.76	ng/ul	100
73) Di-n-butylphthalate	18.03	149	709980	20.83	ng/ul	100
74) Fluoranthene	19.13	202	814181	19.45	ng/ul	98
77) Pyrene	19.50	202	833764	23.33	ng/ul	99
78) Butylbenzylphthalate	20.39	149	294122	22.95	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.19	252	271842	21.31	ng/ul	99
80) Benzo(a)anthracene	21.24	228	822838	21.88	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	426140	22.71	ng/ul	99
82) Chrysene	21.30	228	790069	21.84	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	732630	21.81	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	814856	21.56	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	812904	22.48	ng/ul	100
88) Benzo(a)pyrene	23.40	252	807938	22.19	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	974312	22.04	ng/ul	100
90) Dibenzo(a,h)anthracene	25.73	278	821882	22.14	ng/ul	98
91) Benzo(g,h,i)perylene	26.42	276	816459	22.08	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed