Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
Data File : BM008273.D
Acq On : 13 Dec 2016 15:23
Operator : UM/SJ
Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01036

Manual Integrations APPROVED
sohil
12/14/2016 6:14:36 PM

Quant Time: Dec 13 17:29:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 17:07:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	140427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	537415	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	363526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	730945	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	946819	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	969202	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	11504	3.31	ng/uL	0.00
5) Phenol-d5	6.86	99	93116	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	59076	8.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	75164	7.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	75192	7.17	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	35579	9.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	39174	9.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	72848	9.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	84267	8.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	229284	7.99	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	268747	7.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	27043	4.77	ng/ul	0.01
57) Fluorene-d10	15.31	176	198795	8.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	31925	7.29	ng/ul	0.00
70) Anthracene-d10	17.17	188	298855	9.14	ng/ul	0.00
78) Pyrene-d10	19.47	212	353259	8.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	385527	8.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	13460	3.19	ng/uL	91
4) Benzaldehyde	6.84	77	74071	12.73	ng/ul	89
6) Phenol	6.89	94	99326	7.62	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.12	93	79816	8.08	ng/ul	98
10) 2-Chlorophenol	7.25	128	76041	7.62	ng/ul#	89
11) 2-Methylphenol	8.13	108	72001	7.00	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	92034	7.64	ng/ul	96
14) Acetophenone	8.50	105	126416	7.98	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.48	70	66323	8.27	ng/ul	90
16) 4-Methylphenol	8.46	108	79932	6.98	ng/ul	98
17) Hexachloroethane	8.73	117	36666	9.59	ng/ul	92
20) Nitrobenzene	8.88	77	96482	10.55	ng/ul	89
21) Isophorone	9.40	82	172615	9.48	ng/ul	96
23) 2-Nitrophenol	9.58	139	40852	8.83	ng/ul#	84
24) 2,4-Dimethylphenol	9.65	107	94442	9.66	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.87	93	101212	8.92	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	74958	9.18	ng/ul	98
28) Naphthalene	10.50	128	246342	9.07	ng/ul	99
30) 4-Chloroaniline	10.63	127	85207	8.56	ng/ul	100
31) Hexachlorobutadiene	10.77	225	63107	12.71	ng/ul	95
32) Caprolactam	11.43	113	21986	7.12	ng/ul#	72
33) 4-Chloro-3-methylphenol	11.76	107	79647	8.51	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	175531	8.67	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	107829	9.58 ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	24183	3.61 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.75	196	63168	8.51 ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	64098	7.85 ng/ul	99
40) 1,1'-Biphenyl	13.14	154	225954	7.66 ng/ul	99
41) 2-Chloronaphthalene	13.19	162	177105	7.97 ng/ul	97
42) 2-Nitroaniline	13.42	65	52857	8.26 ng/ul#	79
44) Dimethylphthalate	13.78	163	222968	7.63 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	40972	7.21 ng/ul	88
47) Acenaphthylene	14.03	152	272817	7.47 ng/ul	98
48) 3-Nitroaniline	14.25	138	39409	6.78 ng/ul	86
49) Acenaphthene	14.38	153	188860	7.72 ng/ul	96
50) 2,4-Dinitrophenol	14.49	184	16544	4.39 ng/ul	94
52) 4-Nitrophenol	14.58	109	33073m	7.12 ng/ul	
53) Dibenzofuran	14.72	168	272585	7.68 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	63919	7.47 ng/ul#	50
55) 2,3,4,6-Tetrachlorophenol	14.96	232	61080	8.42 ng/ul#	85
56) Diethylphthalate	15.14	149	223841	7.57 ng/ul	99
58) Fluorene	15.37	166	223109	7.89 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	120871	8.78 ng/ul	92
60) 4-Nitroaniline	15.42	138	34621	5.08 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.49	198	34737	7.40 ng/ul#	90
64) N-Nitrosodiphenylamine	15.59	169	187233	8.83 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	76547	10.50 ng/ul	92
66) Hexachlorobenzene	16.37	284	85529	10.31 ng/ul#	92
67) Atrazine	16.54	200	74294	9.56 ng/ul	97
68) Pentachlorophenol	16.73	266	40954	7.94 ng/ul	96
69) Phenanthrene	17.11	178	359217	8.91 ng/ul	98
71) Anthracene	17.20	178	360526	8.92 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	103966	10.95 ng/uL	98
73) Pentachlorobenzene	14.64	250	104129	10.97 ng/uL	98
74) Carbazole	17.49	167	304907	8.46 ng/ul	99
75) Di-n-butylphthalate	18.03	149	355222	8.30 ng/ul	99
76) Fluoranthene	19.13	202	428935	9.58 ng/ul#	95
79) Pyrene	19.50	202	450524	8.31 ng/ul#	94
80) Butylbenzylphthalate	20.40	149	162303	7.06 ng/ul	91
81) 3,3'-Dichlorobenzidine	21.19	252	140951	7.64 ng/ul#	96
82) Benzo(a)anthracene	21.25	228	473204	8.72 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	236576	7.20 ng/ul#	96
84) Chrysene	21.30	228	459164	8.91 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	416890	7.27 ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	478956	8.62 ng/ul#	97
88) Benzo(k)fluoranthene	22.87	252	478698	8.99 ng/ul#	96
90) Benzo(a)pyrene	23.40	252	467327	8.68 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.73	276	571967	8.90 ng/ul#	89
92) Dibenzo(a,h)anthracene	25.73	278	482920	9.04 ng/ul#	93
93) Benzo(g,h,i)perylene	26.42	276	484005	8.77 ng/ul#	91

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

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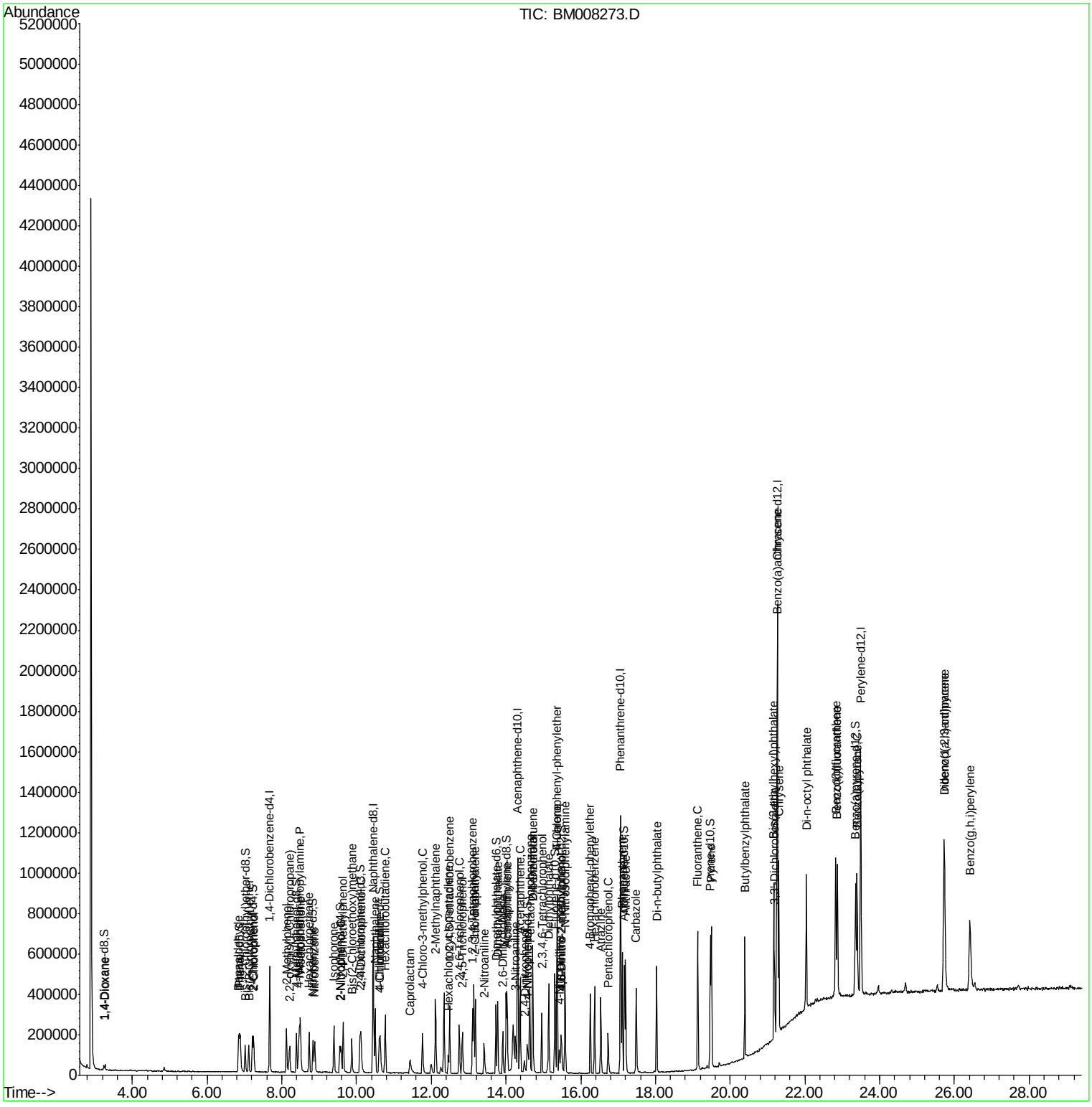
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