Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011884.D
Acq On : 04 Oct 2017 11:18
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Manual Integrations APPROVED
Sohil
10/5/2017 6:17:28 PM

Quant Time: Oct 05 05:46:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 05:30:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	223913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1047784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	703864	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1734232	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2188374	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	2136030	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	36517	7.71	ng/uL	0.00
5) Phenol-d5	7.03	99	347857	18.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	218532	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	304972	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	311729	18.72	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	146840	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	164167	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	337091	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	409424	22.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1160967	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1377707	19.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	183229	17.19	ng/ul	0.00
57) Fluorene-d10	15.51	176	1015979	18.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	194296	16.65	ng/ul	0.00
70) Anthracene-d10	17.36	188	1643608	19.23	ng/ul	0.00
76) Pyrene-d10	19.64	212	1985634	20.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1971752	19.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	35606	7.402	ng/uL#	71
4) Benzaldehyde	7.02	77	196406	20.459	ng/ul	92
6) Phenol	7.06	94	351572	18.443	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.30	93	274047	19.146	ng/ul	95
10) 2-Chlorophenol	7.44	128	298622	19.774	ng/ul	98
11) 2-Methylphenol	8.32	108	267574	18.455	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.41	45	352193	19.240	ng/ul#	88
14) Acetophenone	8.70	105	465280	19.094	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.68	70	247017	19.809	ng/ul#	71
16) 4-Methylphenol	8.64	108	304512	18.764	ng/ul	90
17) Hexachloroethane	8.96	117	120779	19.933	ng/ul	81
20) Nitrobenzene	9.08	77	359554	19.946	ng/ul	95
21) Isophorone	9.60	82	649870	19.333	ng/ul#	94
23) 2-Nitrophenol	9.79	139	172780	19.560	ng/ul#	79
24) 2,4-Dimethylphenol	9.85	107	370882	19.577	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.09	93	403063	19.527	ng/ul	95
27) 2,4-Dichlorophenol	10.32	162	319333	19.484	ng/ul#	92
28) Naphthalene	10.73	128	1008885	19.195	ng/ul	99
30) 4-Chloroaniline	10.84	127	391189	21.512	ng/ul	95
31) Hexachlorobutadiene	11.01	225	238355	19.822	ng/ul	94
32) Caprolactam	11.62	113	96447m	17.949	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	348825	19.581	ng/ul	96
34) 2-Methylnaphthalene	12.34	142	780403	19.472	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.71	216	449042	18.806 ng/ul	97
37) Hexachlorocyclopentadiene	12.68	237	218829	15.746 ng/ul	98
38) 2,4,6-Trichlorophenol	12.95	196	296932	19.579 ng/ul	99
39) 2,4,5-Trichlorophenol	13.02	196	309767	19.407 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	1057626	18.794 ng/ul	99
41) 2-Chloronaphthalene	13.39	162	833468	18.927 ng/ul	97
42) 2-Nitroaniline	13.60	65	219407	19.628 ng/ul	90
44) Dimethylphthalate	13.97	163	1102006	18.777 ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	215603	19.485 ng/ul	90
47) Acenaphthylene	14.24	152	1341580	19.301 ng/ul	98
48) 3-Nitroaniline	14.43	138	190883	18.571 ng/ul	84
49) Acenaphthene	14.58	153	911110	18.943 ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	112540	15.390 ng/ul	97
52) 4-Nitrophenol	14.73	109	158602	18.620 ng/ul#	78
53) Dibenzofuran	14.92	168	1331486	19.074 ng/ul	100
54) 2,4-Dinitrotoluene	14.88	165	325446	19.892 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.14	232	300623	19.286 ng/ul	91
56) Diethylphthalate	15.33	149	1134904	19.052 ng/ul	94
58) Fluorene	15.56	166	1100982	18.887 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	588291	19.082 ng/ul	98
60) 4-Nitroaniline	15.59	138	203152	16.967 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.64	198	202729	17.004 ng/ul	94
64) N-Nitrosodiphenylamine	15.77	169	965161	19.266 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	370944	19.095 ng/ul	97
66) Hexachlorobenzene	16.57	284	411102	18.929 ng/ul#	92
67) Atrazine	16.72	200	370211	18.666 ng/ul	95
68) Pentachlorophenol	16.91	266	246307	18.028 ng/ul	98
69) Phenanthrene	17.30	178	1806821	18.941 ng/ul	99
71) Anthracene	17.39	178	1872931	19.296 ng/ul	99
72) Carbazole	17.66	167	1574037	18.721 ng/ul	99
73) Di-n-butylphthalate	18.22	149	1966116	19.515 ng/ul#	98
74) Fluoranthene	19.31	202	2272861	19.528 ng/ul#	90
77) Pyrene	19.67	202	2451551	20.204 ng/ul#	89
78) Butylbenzylphthalate	20.56	149	961605	20.231 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.34	252	749997	18.409 ng/ul#	94
80) Benzo(a)anthracene	21.41	228	2505549	19.986 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	1403959	19.855 ng/ul#	98
82) Chrysene	21.47	228	2404792	20.189 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2498704	20.023 ng/ul	100
85) Benzo(b)fluoranthene	23.05	252	2543246	19.588 ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	2524056	19.473 ng/ul#	97
88) Benzo(a)pyrene	23.66	252	2391241	19.167 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.13	276	2411183	18.061 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.14	278	1994978	18.186 ng/ul#	95
91) Benzo(g,h,i)perylene	26.87	276	1967456	17.816 ng/ul#	94

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

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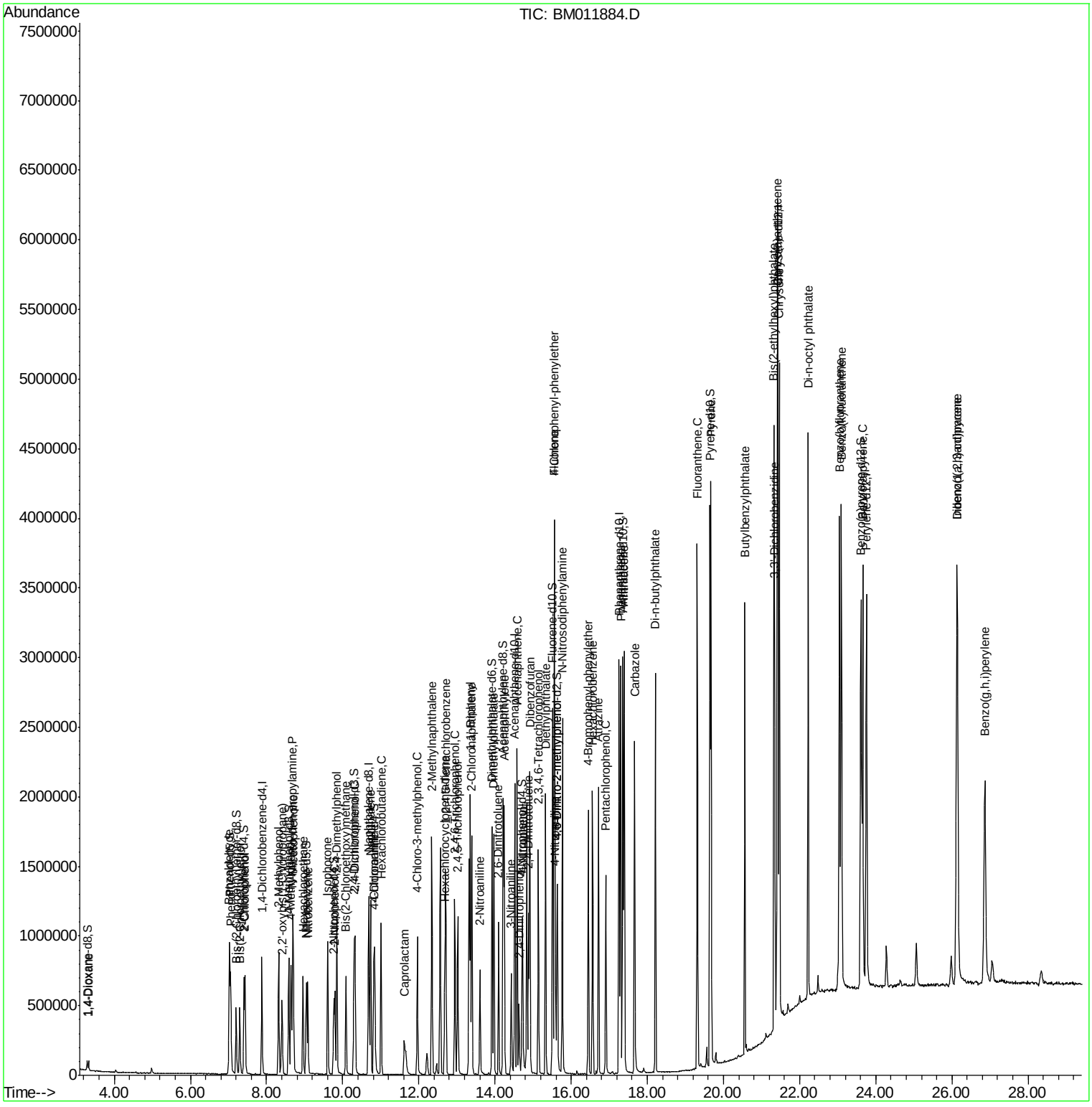
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