Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012663.D
Acq On : 02 Nov 2017 10:33
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02082

Quant Time: Nov 02 14:17:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 07:23:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	262329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1020247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	504115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1327117	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1809950	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1918868	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	45840	8.93	ng/uL	0.00
5) Phenol-d5	7.01	99	479510	21.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	272598	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	361482	22.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	391364	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	168229	26.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	183762	27.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	382998	21.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	447355	24.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	841644	19.11	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1067895	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	157206	24.01	ng/ul	0.00
57) Fluorene-d10	15.47	176	757372	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	114651	17.85	ng/ul	0.00
70) Anthracene-d10	17.32	188	1304979	20.63	ng/ul	0.00
76) Pyrene-d10	19.60	212	1586412	19.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1851527	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	45771	8.345	ng/uL#	68
4) Benzaldehyde	6.99	77	316658	26.574	ng/ul	91
6) Phenol	7.04	94	499640	21.897	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.26	93	366225	21.825	ng/ul	96
10) 2-Chlorophenol	7.41	128	373046	22.209	ng/ul	99
11) 2-Methylphenol	8.29	108	351541	20.434	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	398806	21.631	ng/ul#	84
14) Acetophenone	8.66	105	545041	18.522	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.65	70	296890	18.487	ng/ul#	63
16) 4-Methylphenol	8.61	108	384951	20.443	ng/ul	92
17) Hexachloroethane	8.92	117	130561	18.342	ng/ul	84
20) Nitrobenzene	9.04	77	416798	22.644	ng/ul	96
21) Isophorone	9.56	82	767015	19.691	ng/ul#	94
23) 2-Nitrophenol	9.75	139	198539	27.144	ng/ul#	76
24) 2,4-Dimethylphenol	9.81	107	414149	20.126	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.05	93	443271	20.249	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	359792	21.150	ng/ul#	89
28) Naphthalene	10.68	128	1047303	20.703	ng/ul	99
30) 4-Chloroaniline	10.79	127	444787	24.022	ng/ul	93
31) Hexachlorobutadiene	10.96	225	242164	18.555	ng/ul	95
32) Caprolactam	11.57	113	125830	22.839	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.92	107	382847	20.032	ng/ul	93
34) 2-Methylnaphthalene	12.29	142	773683	18.833	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	442663	24.796	ng/ul	96
37) Hexachlorocyclopentadiene	12.64	237	108024	9.370	ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	246771	23.085	ng/ul	94
39) 2,4,5-Trichlorophenol	12.98	196	261242	23.056	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	804571	20.005	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	650842	20.630	ng/ul	99
42) 2-Nitroaniline	13.55	65	175355	23.900	ng/ul#	84
44) Dimethylphthalate	13.93	163	844567	19.388	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	180057	26.010	ng/ul#	86
47) Acenaphthylene	14.19	152	1034998	20.818	ng/ul	100
48) 3-Nitroaniline	14.38	138	180100	27.765	ng/ul	85
49) Acenaphthene	14.54	153	694275	20.387	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	66127	17.017	ng/ul#	84
52) 4-Nitrophenol	14.70	109	133930	20.163	ng/ul#	72
53) Dibenzofuran	14.87	168	1028960	20.418	ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	275442	26.566	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.10	232	262811	25.061	ng/ul#	99
56) Diethylphthalate	15.29	149	842774	18.977	ng/ul	96
58) Fluorene	15.52	166	876168	20.557	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.52	204	464247	20.018	ng/ul	95
60) 4-Nitroaniline	15.54	138	208391	25.628	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.61	198	125879	17.820	ng/ul#	82
64) N-Nitrosodiphenylamine	15.73	169	763056	19.785	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	321646	20.232	ng/ul	94
66) Hexachlorobenzene	16.53	284	379733	21.593	ng/ul	98
67) Atrazine	16.68	200	322964	19.473	ng/ul	93
68) Pentachlorophenol	16.87	266	226460	23.546	ng/ul	96
69) Phenanthrene	17.26	178	1472081	20.512	ng/ul	99
71) Anthracene	17.35	178	1545615	20.837	ng/ul	100
72) Carbazole	17.62	167	1362312	22.171	ng/ul	99
73) Di-n-butylphthalate	18.18	149	1548927	19.768	ng/ul#	97
74) Fluoranthene	19.27	202	1961155	24.116	ng/ul#	94
77) Pyrene	19.63	202	2054462	19.960	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	779939	19.233	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.31	252	838136	21.100	ng/ul	97
80) Benzo(a)anthracene	21.38	228	2234331	20.615	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1142264	18.514	ng/ul	98
82) Chrysene	21.43	228	2033960	21.107	ng/ul	100
84) Di-n-octyl phthalate	22.20	149	2098206	21.080	ng/ul#	95
85) Benzo(b)fluoranthene	23.00	252	2472260	20.842	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	2265544	20.293	ng/ul#	99
88) Benzo(a)pyrene	23.59	252	2254378	19.933	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.02	276	2385566	17.922	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.03	278	2055967	18.220	ng/ul#	97
91) Benzo(g,h,i)perylene	26.73	276	1884501	17.470	ng/ul#	96

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

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