Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012973.D
Acq On : 16 Nov 2017 21:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02033

Quant Time: Nov 17 00:48:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 17:13:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	148186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	607550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	357542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	830009	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	938186	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	954080	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25649	8.02	ng/uL	0.00
5) Phenol-d5	6.89	99	243902	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	142892	19.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	195549	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	202965	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	89865	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	82017	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	200958	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	232355	21.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	609867	19.45	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	777646	19.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	94565	19.88	ng/ul	0.00
57) Fluorene-d10	15.36	176	533575	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	70755	19.66	ng/ul	0.00
70) Anthracene-d10	17.21	188	841435	19.80	ng/ul	0.00
76) Pyrene-d10	19.50	212	932863	19.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	942220	19.47	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27643	7.865	ng/uL#	64
4) Benzaldehyde	6.87	77	120933	17.482	ng/ul	92
6) Phenol	6.92	94	239335	18.891	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.16	93	187848	19.694	ng/ul	98
10) 2-Chlorophenol	7.29	128	194243	19.130	ng/ul	97
11) 2-Methylphenol	8.16	108	178785	18.592	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	208199	19.240	ng/ul#	82
14) Acetophenone	8.55	105	312372	19.385	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.53	70	158340	19.159	ng/ul#	68
16) 4-Methylphenol	8.49	108	194456	19.042	ng/ul	92
17) Hexachloroethane	8.80	117	85058	19.780	ng/ul#	79
20) Nitrobenzene	8.92	77	222154	20.534	ng/ul	97
21) Isophorone	9.45	82	422516	19.059	ng/ul	94
23) 2-Nitrophenol	9.63	139	88777	19.806	ng/ul#	79
24) 2,4-Dimethylphenol	9.69	107	227760	19.316	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.93	93	251312	19.756	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	188690	19.422	ng/ul#	89
28) Naphthalene	10.56	128	623328	19.911	ng/ul	99
30) 4-Chloroaniline	10.67	127	225187	21.486	ng/ul	94
31) Hexachlorobutadiene	10.85	225	142818	20.415	ng/ul	92
32) Caprolactam	11.41	113	59061	19.359	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.79	107	200296	19.355	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	454411	19.839	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	12.55	216	254511	19.570	ng/ul	94
37) Hexachlorocyclopentadiene	12.53	237	185085	19.244	ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	156411	19.956	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	157199	19.182	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	595928	19.782	ng/ul	97
41) 2-Chloronaphthalene	13.24	162	473019	19.811	ng/ul	99
42) 2-Nitroaniline	13.44	65	109831	21.660	ng/ul	87
44) Dimethylphthalate	13.83	163	595213	19.847	ng/ul	100
45) 2,6-Dinitrotoluene	13.94	165	100577	21.980	ng/ul#	91
47) Acenaphthylene	14.09	152	738159	20.052	ng/ul	97
48) 3-Nitroaniline	14.27	138	94038	21.941	ng/ul	95
49) Acenaphthene	14.43	153	490047	19.808	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	41142	18.781	ng/ul#	88
52) 4-Nitrophenol	14.57	109	91352	21.193	ng/ul#	80
53) Dibenzofuran	14.77	168	714007	20.149	ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	144249	22.536	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	14.99	232	142500	20.764	ng/ul	94
56) Diethylphthalate	15.20	149	597446	19.704	ng/ul	95
58) Fluorene	15.42	166	586068	20.082	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.42	204	308301	19.997	ng/ul	99
60) 4-Nitroaniline	15.43	138	113364	20.113	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	73127	18.709	ng/ul	94
64) N-Nitrosodiphenylamine	15.63	169	499614	19.173	ng/ul	95
65) 4-Bromophenyl-phenylether	16.32	248	196864	19.582	ng/ul	95
66) Hexachlorobenzene	16.42	284	212468	19.583	ng/ul#	92
67) Atrazine	16.59	200	192301	19.266	ng/ul	94
68) Pentachlorophenol	16.76	266	107488	19.209	ng/ul	97
69) Phenanthrene	17.16	178	937278	20.077	ng/ul	98
71) Anthracene	17.24	178	977678	20.183	ng/ul	98
72) Carbazole	17.52	167	833978	19.909	ng/ul	99
73) Di-n-butylphthalate	18.10	149	1027077	19.248	ng/ul	98
74) Fluoranthene	19.17	202	1140294	20.208	ng/ul#	91
77) Pyrene	19.53	202	1158607	19.833	ng/ul#	91
78) Butylbenzylphthalate	20.46	149	452000	18.621	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.22	252	391757	20.317	ng/ul#	93
80) Benzo(a)anthracene	21.28	228	1186665	19.763	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	686794	19.198	ng/ul	99
82) Chrysene	21.33	228	1101985	19.792	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	1150223	18.295	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	1198330	19.435	ng/ul#	97
86) Benzo(k)fluoranthene	22.91	252	1155267	20.352	ng/ul#	98
88) Benzo(a)pyrene	23.44	252	1136858	19.799	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.79	276	1323198	19.728	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.81	278	1116983	19.659	ng/ul#	95
91) Benzo(g,h,i)perylene	26.47	276	1076910	19.324	ng/ul#	94

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

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