Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM111317\
Data File : BM012934.D
Acq On : 13 Nov 2017 14:50
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Nov 14 02:11:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 01:20:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	79947	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.57	136	309242	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	182416	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.17	188	419544	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	495429	20.00	ng/ul	-0.01
85) Perylene-d12	23.63	264	548378	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12939	8.74	ng/uL	-0.01
5) Phenol-d5	6.96	99	115884	19.48	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.12	67	64357	19.96	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.32	132	93844	18.94	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	96913	18.87	ng/ul	-0.02
19) Nitrobenzene-d5	8.94	128	44411	19.44	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.66	143	49999	19.13	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.20	165	101259	18.89	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.71	131	114978	22.23	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	288431	19.11	ng/ul	-0.02
46) Acenaphthylene-d8	14.12	160	362318	19.41	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	39590	16.37	ng/ul	-0.01
57) Fluorene-d10	15.42	176	248083	19.19	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.56	200	41474	14.97	ng/ul	-0.01
70) Anthracene-d10	17.27	188	386944	19.09	ng/ul	-0.02
78) Pyrene-d10	19.56	212	426499	18.55	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.49	264	495211	19.10	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	13803	8.309	ng/uL#	88
4) Benzaldehyde	6.93	77	74776	23.635	ng/ul	97
6) Phenol	6.99	94	117962	19.318	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.21	93	92144	20.131	ng/ul	99
10) 2-Chlorophenol	7.35	128	99877	19.566	ng/ul	98
11) 2-Methylphenol	8.23	108	88626	19.073	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	56878	15.040	ng/ul#	77
14) Acetophenone	8.60	105	145353	18.813	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.59	70	69873	18.812	ng/ul	91
16) 4-Methylphenol	8.56	108	96368	19.109	ng/ul	97
17) Hexachloroethane	8.85	117	40441	19.682	ng/ul#	77
20) Nitrobenzene	8.99	77	101511	18.876	ng/ul	100
21) Isophorone	9.50	82	189831	19.602	ng/ul	98
23) 2-Nitrophenol	9.69	139	54363	19.312	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	110660	19.328	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.99	93	120714	19.996	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	99149	18.982	ng/ul	99
28) Naphthalene	10.62	128	300980	19.468	ng/ul	100
30) 4-Chloroaniline	10.74	127	116978	22.495	ng/ul	99
31) Hexachlorobutadiene	10.90	225	75746	18.438	ng/ul	99
32) Caprolactam	11.52	113	26942	18.340	ng/ul	80
33) 4-Chloro-3-methylphenol	11.87	107	97984	19.292	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	224209	18.976	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	134205	19.004	ng/ul#	97
37) Hexachlorocyclopentadiene	12.58	237	11345	3.154	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	83891	18.799	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	83170	17.863	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	293924	19.480	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	230133	19.305	ng/ul	95
42) 2-Nitroaniline	13.51	65	54000	19.172	ng/ul	97
44) Dimethylphthalate	13.88	163	283524	18.928	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	57017	19.016	ng/ul	98
47) Acenaphthylene	14.15	152	351887	19.442	ng/ul	98
48) 3-Nitroaniline	14.34	138	53834	21.292	ng/ul	99
49) Acenaphthene	14.49	153	237940	19.300	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	21142	11.289	ng/ul	88
52) 4-Nitrophenol	14.66	109	31729	14.867	ng/ul	97
53) Dibenzofuran	14.82	168	349821	19.454	ng/ul	92
54) 2,4-Dinitrotoluene	14.80	165	83043	18.832	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	77995	18.046	ng/ul#	88
56) Diethylphthalate	15.25	149	275376	18.927	ng/ul	95
58) Fluorene	15.47	166	286042	19.149	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	156139	18.813	ng/ul#	87
60) 4-Nitroaniline	15.50	138	59511	20.221	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	44624	15.301	ng/ul	97
64) N-Nitrosodiphenylamine	15.68	169	246627	19.470	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	104724	19.213	ng/ul#	81
66) Hexachlorobenzene	16.48	284	117939	19.163	ng/ul#	84
67) Atrazine	16.63	200	95489	18.882	ng/ul	98
68) Pentachlorophenol	16.83	266	52072	14.808	ng/ul	99
69) Phenanthrene	17.22	178	446413	19.467	ng/ul	99
71) Anthracene	17.30	178	463879	19.510	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	131567	19.185	ng/uL	99
73) Pentachlorobenzene	14.75	250	134510	19.167	ng/uL	99
74) Carbazole	17.57	167	388300	19.581	ng/ul	98
75) Di-n-butylphthalate	18.13	149	462434	19.902	ng/ul	100
76) Fluoranthene	19.23	202	535845	19.445	ng/ul	96
79) Pyrene	19.59	202	559544	18.930	ng/ul	96
80) Butylbenzylphthalate	20.49	149	208440	19.337	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	205314	18.737	ng/ul#	96
82) Benzo(a)anthracene	21.34	228	575231	19.188	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	308878	19.670	ng/ul#	94
84) Chrysene	21.39	228	519171	19.109	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	530547	18.392	ng/ul#	96
87) Benzo(b)fluoranthene	22.94	252	628396	18.751	ng/ul#	96
88) Benzo(k)fluoranthene	22.99	252	594308	18.657	ng/ul#	97
90) Benzo(a)pyrene	23.53	252	602746	18.902	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.94	276	771528	20.075	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.94	278	651900	20.038	ng/ul#	94
93) Benzo(g,h,i)perylene	26.65	276	635072	20.054	ng/ul#	90

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

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