Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091417\
Data File : BM011546.D
Acq On : 14 Sep 2017 18:10
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Sep 14 18:46:08 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 17:31:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	389056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1795731	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1062931	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2386189	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2794402	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2297858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	72095	8.34	ng/uL	0.00
5) Phenol-d5	7.12	99	732009	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	529217	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	556302	19.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	568548	19.49	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	272343	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	272201	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	555871	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	722821	22.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1757883	19.56	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2192898	20.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	303729	17.99	ng/ul	0.00
58) Fluorene-d10	15.59	176	1555945	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	238098	17.15	ng/ul	0.00
71) Anthracene-d10	17.44	188	2374016	20.20	ng/ul	0.00
79) Pyrene-d10	19.73	212	2609724	19.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2213202	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	79878	8.426	ng/uL#	61
4) Benzaldehyde	7.11	77	415076	19.445	ng/ul	97
6) Phenol	7.15	94	734925	19.818	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	584649	20.026	ng/ul#	84
10) 2-Chlorophenol	7.53	128	548569	19.973	ng/ul	92
11) 2-Methylphenol	8.40	108	542310	19.288	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1077599	22.773	ng/ul#	92
14) Acetophenone	8.80	105	895822	20.095	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.78	70	503918	21.066	ng/ul#	73
16) 4-Methylphenol	8.73	108	606942	19.728	ng/ul	97
17) Hexachloroethane	9.06	117	212679	20.256	ng/ul#	78
20) Nitrobenzene	9.18	77	679956	21.213	ng/ul	96
21) Isophorone	9.70	82	1305922	20.235	ng/ul#	97
23) 2-Nitrophenol	9.89	139	293592	19.718	ng/ul#	92
24) 2,4-Dimethylphenol	9.94	107	644528	20.231	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.18	93	837271	19.896	ng/ul	98
27) 2,4-Dichlorophenol	10.42	162	535730	19.478	ng/ul	98
28) Naphthalene	10.83	128	1861181	19.987	ng/ul	99
30) 4-Chloroaniline	10.93	127	689245	23.043	ng/ul	96
31) Hexachlorobutadiene	11.11	225	316822	20.296	ng/ul	98
32) Caprolactam	11.71	113	159183	18.386	ng/ul#	43
33) 4-Chloro-3-methylphenol	12.05	107	583866	20.023	ng/ul	96
34) 2-Methylnaphthalene	12.43	142	1363983	19.724	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	1306216	19.832	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	633172	20.081	ng/ul#	96
38) Hexachlorocyclopentadiene	12.78	237	330470	18.699	ng/ul	99
39) 2,4,6-Trichlorophenol	13.04	196	422898	19.700	ng/ul	97
40) 2,4,5-Trichlorophenol	13.10	196	436912	20.072	ng/ul	99
41) 1,1'-Biphenyl	13.44	154	1763401	19.937	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	1321090	19.850	ng/ul	98
43) 2-Nitroaniline	13.69	65	439480	21.261	ng/ul	82
45) Dimethylphthalate	14.05	163	1666899	19.375	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	301071	19.814	ng/ul#	88
48) Acenaphthylene	14.33	152	2215547	20.255	ng/ul	99
49) 3-Nitroaniline	14.50	138	344849	18.406	ng/ul	97
50) Acenaphthene	14.67	153	1481299	20.043	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	154731	16.482	ng/ul#	71
53) 4-Nitrophenol	14.80	109	213397	19.661	ng/ul#	56
54) Dibenzofuran	15.00	168	2064786	19.973	ng/ul	99
55) 2,4-Dinitrotoluene	14.96	165	435167	19.483	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	15.22	232	390452	19.682	ng/ul#	78
57) Diethylphthalate	15.41	149	1771948	19.791	ng/ul	95
59) Fluorene	15.65	166	1770323	20.433	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.64	204	823233	20.279	ng/ul	91
61) 4-Nitroaniline	15.66	138	376484	18.759	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.72	198	249587	17.543	ng/ul	93
65) N-Nitrosodiphenylamine	15.85	169	1443640	19.862	ng/ul	97
66) 4-Bromophenyl-phenylether	16.53	248	481602	19.760	ng/ul	94
67) Hexachlorobenzene	16.64	284	511245	19.056	ng/ul#	87
68) Atrazine	16.79	200	487500	19.358	ng/ul	96
69) Pentachlorophenol	16.99	266	300244	17.429	ng/ul	98
70) Phenanthrene	17.39	178	2702408	20.318	ng/ul	100
72) Anthracene	17.47	178	2811243	20.598	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	628841	19.777	ng/uL	98
74) Pentachlorobenzene	14.92	250	635157	19.695	ng/uL	99
75) Carbazole	17.74	167	2475035	21.257	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3194784	20.890	ng/ul	100
77) Fluoranthene	19.39	202	3130525	22.884	ng/ul#	88
80) Pyrene	19.76	202	3346604	20.527	ng/ul#	85
81) Butylbenzylphthalate	20.63	149	1448496	19.319	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.42	252	947974	18.680	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	3158090	20.526	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2260272	19.630	ng/ul#	97
85) Chrysene	21.54	228	2850384	20.435	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	3876524	23.771	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	2822376	20.417	ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	2870960	21.625	ng/ul#	96
91) Benzo(a)pyrene	23.78	252	2662067	20.402	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	2661389	18.542	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.33	278	2255302	18.531	ng/ul#	94
94) Benzo(g,h,i)perylene	27.07	276	2083909	17.928	ng/ul#	91

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

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