Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017449.D
Acq On : 01 Nov 2018 02:56
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02080

Quant Time: Nov 01 06:51:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	233076	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1109311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	708685	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1711939	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1937092	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1747737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	37846	7.47	ng/uL	0.00
5) Phenol-d5	6.83	99	412991	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	241469	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	332770	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	344170	20.44	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	172288	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	189933	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	369492	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	326236	22.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1193933	19.65	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1478647	20.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	205561	18.11	ng/ul	0.00
58) Fluorene-d10	15.29	176	1049282	19.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	212544	17.82	ng/ul	0.00
71) Anthracene-d10	17.14	188	1667109	19.67	ng/ul	0.00
79) Pyrene-d10	19.44	212	1933579	21.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1898047	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	40309	7.896	ng/uL	92
4) Benzaldehyde	6.80	77	69911	17.230	ng/ul	89
6) Phenol	6.85	94	412097	19.493	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	314746	19.652	ng/ul	97
10) 2-Chlorophenol	7.21	128	332599	20.058	ng/ul	98
11) 2-Methylphenol	8.09	108	325848	20.466	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.17	45	421372	19.743	ng/ul	97
14) Acetophenone	8.46	105	535150	20.631	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	265464	20.836	ng/ul	99
16) 4-Methylphenol	8.42	108	352901	20.580	ng/ul	99
17) Hexachloroethane	8.70	117	124894	19.261	ng/ul	97
20) Nitrobenzene	8.84	77	385610	18.819	ng/ul	98
21) Isophorone	9.36	82	745749	20.049	ng/ul	98
23) 2-Nitrophenol	9.54	139	206264	20.137	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	406391	19.956	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	468274	19.841	ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	352913	20.398	ng/ul	98
28) Naphthalene	10.46	128	1154915	19.901	ng/ul	100
30) 4-Chloroaniline	10.59	127	335283	22.247	ng/ul	99
31) Hexachlorobutadiene	10.75	225	215743	18.854	ng/ul	98
32) Caprolactam	11.37	113	120058	20.456	ng/ul	93
33) 4-Chloro-3-methylphenol	11.72	107	404594	21.265	ng/ul	97
34) 2-Methylnaphthalene	12.09	142	873136	20.475	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	836198	20.452	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	456073	19.148	ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	226440	14.909	ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	304512	20.151	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	323842	19.912	ng/ul	98
41) 1,1'-Biphenyl	13.11	154	1123616	19.165	ng/ul	98
42) 2-Chloronaphthalene	13.15	162	887780	19.380	ng/ul	99
43) 2-Nitroaniline	13.37	65	257158	19.912	ng/ul	97
45) Dimethylphthalate	13.75	163	1149081	19.515	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	239213	20.242	ng/ul	98
48) Acenaphthylene	14.00	152	1377760	19.894	ng/ul	99
49) 3-Nitroaniline	14.20	138	224117	20.120	ng/ul	95
50) Acenaphthene	14.35	153	974335	19.649	ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	120180	15.307	ng/ul	90
53) 4-Nitrophenol	14.52	109	154310	17.925	ng/ul	94
54) Dibenzofuran	14.69	168	1399427	19.922	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	363056	20.593	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	310041	20.597	ng/ul	97
57) Diethylphthalate	15.12	149	1169793	19.872	ng/ul	99
59) Fluorene	15.34	166	1165796	20.133	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	590837	19.941	ng/ul	99
61) 4-Nitroaniline	15.37	138	244782	18.327	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	220556	18.107	ng/ul	99
65) N-Nitrosodiphenylamine	15.56	169	1024940	19.924	ng/ul	100
66) 4-Bromophenyl-phenylether	16.23	248	384668	20.009	ng/ul	98
67) Hexachlorobenzene	16.34	284	425494	19.618	ng/ul	99
68) Atrazine	16.52	200	373300	19.725	ng/ul	100
69) Pentachlorophenol	16.69	266	261343	19.295	ng/ul	100
70) Phenanthrene	17.08	178	1933764	19.671	ng/ul	100
72) Anthracene	17.17	178	1984291	19.874	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	453708	18.797	ng/uL	97
74) Pentachlorobenzene	14.60	250	480613	19.355	ng/uL	100
75) Carbazole	17.45	167	1761910	20.181	ng/ul	98
76) Di-n-butylphthalate	18.02	149	2050477	20.100	ng/ul	100
77) Fluoranthene	19.10	202	2320547	20.593	ng/ul	99
80) Pyrene	19.47	202	2391780	21.263	ng/ul	99
81) Butylbenzylphthalate	20.38	149	976684	21.751	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.16	252	738764	19.500	ng/ul	99
83) Benzo(a)anthracene	21.22	228	2384481	20.115	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1418521	21.617	ng/ul	99
85) Chrysene	21.27	228	2226202	19.750	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	2437237	26.773	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	2233151	21.828	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	2114510	21.159	ng/ul	99
91) Benzo(a)pyrene	23.34	252	2025820	20.269	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	2035123	16.735	ng/ul	99
93) Dibenzo(a,h)anthracene	25.66	278	1714711	16.886	ng/ul	97
94) Benzo(g,h,i)perylene	26.31	276	1658795	16.057	ng/ul	98

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

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