Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017486.D
Acq On : 02 Nov 2018 08:25
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02085

Quant Time: Nov 02 22:52:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 02 02:41:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	242803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1144372	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	714055	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1680863	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1962475	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1803893	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	40107	7.60	ng/uL	0.00
5) Phenol-d5	6.82	99	442401	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	271401	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	353125	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	364731	20.80	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	177991	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	203772	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	379780	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	332836	21.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1207604	19.72	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1497414	20.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	201139	17.58	ng/ul	0.00
58) Fluorene-d10	15.28	176	1048749	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	210418	17.97	ng/ul	0.00
71) Anthracene-d10	17.13	188	1643051	19.75	ng/ul	0.00
79) Pyrene-d10	19.43	212	1878214	20.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1951951	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	43020	8.090	ng/uL	95
4) Benzaldehyde	6.80	77	77695	18.381	ng/ul	89
6) Phenol	6.85	94	442644	20.099	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	337557	20.232	ng/ul	95
10) 2-Chlorophenol	7.20	128	352540	20.409	ng/ul	96
11) 2-Methylphenol	8.08	108	339313	20.458	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.17	45	491223	22.094	ng/ul	99
14) Acetophenone	8.46	105	559271	20.697	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	288385	21.728	ng/ul	97
16) 4-Methylphenol	8.41	108	369488	20.684	ng/ul	97
17) Hexachloroethane	8.70	117	134651	19.934	ng/ul	98
20) Nitrobenzene	8.83	77	422296	19.978	ng/ul	97
21) Isophorone	9.36	82	799625	20.839	ng/ul	99
23) 2-Nitrophenol	9.53	139	213726	20.226	ng/ul	95
24) 2,4-Dimethylphenol	9.60	107	424449	20.204	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.84	93	485284	19.932	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	360555	20.201	ng/ul	98
28) Naphthalene	10.46	128	1186851	19.825	ng/ul	99
30) 4-Chloroaniline	10.58	127	336283	21.629	ng/ul	97
31) Hexachlorobutadiene	10.74	225	228686	19.372	ng/ul	99
32) Caprolactam	11.36	113	121964	20.144	ng/ul	95
33) 4-Chloro-3-methylphenol	11.71	107	410881	20.934	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	895053	20.346	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	851070	20.178 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	468106	19.506 ng/ul	99
38) Hexachlorocyclopentadiene	12.42	237	229180	14.976 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	304224	19.981 ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	328300	20.035 ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1149958	19.467 ng/ul	96
42) 2-Chloronaphthalene	13.15	162	914622	19.816 ng/ul	100
43) 2-Nitroaniline	13.36	65	276779	21.270 ng/ul	90
45) Dimethylphthalate	13.74	163	1167303	19.676 ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	242595	20.374 ng/ul	98
48) Acenaphthylene	14.00	152	1396560	20.014 ng/ul	98
49) 3-Nitroaniline	14.20	138	223200	19.887 ng/ul	95
50) Acenaphthene	14.34	153	993207	19.879 ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	114452	14.468 ng/ul	92
53) 4-Nitrophenol	14.52	109	155960	17.980 ng/ul	93
54) Dibenzofuran	14.68	168	1414853	19.990 ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	365917	20.599 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	310941	20.502 ng/ul	99
57) Diethylphthalate	15.12	149	1183416	19.952 ng/ul	99
59) Fluorene	15.33	166	1168251	20.024 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	595225	19.938 ng/ul	100
61) 4-Nitroaniline	15.37	138	250414	18.608 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	222466	18.601 ng/ul	100
65) N-Nitrosodiphenylamine	15.55	169	1015429	20.104 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	382210	20.249 ng/ul	95
67) Hexachlorobenzene	16.34	284	429254	20.158 ng/ul	95
68) Atrazine	16.52	200	372362	20.039 ng/ul	96
69) Pentachlorophenol	16.69	266	258171	19.413 ng/ul	98
70) Phenanthrene	17.07	178	1893305	19.616 ng/ul	99
72) Anthracene	17.17	178	1948935	19.880 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	465777	19.654 ng/uL	97
74) Pentachlorobenzene	14.60	250	478132	19.611 ng/uL	99
75) Carbazole	17.44	167	1725015	20.124 ng/ul	99
76) Di-n-butylphthalate	18.01	149	2028498	20.252 ng/ul	99
77) Fluoranthene	19.10	202	2315273	20.927 ng/ul	98
80) Pyrene	19.46	202	2376711	20.856 ng/ul	98
81) Butylbenzylphthalate	20.38	149	981730	21.581 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	755567	19.686 ng/ul	99
83) Benzo(a)anthracene	21.22	228	2398600	19.973 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1545085	23.241 ng/ul	98
85) Chrysene	21.27	228	2266481	19.847 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	2513301	26.749 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	2327315	22.041 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	2121003	20.564 ng/ul	99
91) Benzo(a)pyrene	23.34	252	2073077	20.096 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	2078122	16.557 ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	1759557	16.788 ng/ul	100
94) Benzo(g,h,i)perylene	26.31	276	1662021	15.587 ng/ul	98

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

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