Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017330.D
Acq On : 24 Oct 2018 22:55
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02074

Quant Time: Oct 25 01:28:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 01:24:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	248194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1143188	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	703366	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1698223	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2052886	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2246652	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	40956	7.59	ng/uL	0.00
5) Phenol-d5	6.83	99	447044	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	260955	19.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	355155	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	364053	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	177329	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	200456	20.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	377553	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	301666	19.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1187461	19.69	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1467950	20.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	218525	19.39	ng/ul	0.00
58) Fluorene-d10	15.30	176	1029346	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	219705	18.57	ng/ul	0.00
71) Anthracene-d10	17.14	188	1655871	19.70	ng/ul	0.00
79) Pyrene-d10	19.44	212	1933030	20.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2373214	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	40031	7.364	ng/uL	94
4) Benzaldehyde	6.81	77	77933	18.037	ng/ul	95
6) Phenol	6.86	94	445457	19.788	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	341416	20.019	ng/ul	98
10) 2-Chlorophenol	7.22	128	354791	20.093	ng/ul	97
11) 2-Methylphenol	8.10	108	337544	19.909	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	462150	20.335	ng/ul	99
14) Acetophenone	8.47	105	562734	20.373	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	281514	20.750	ng/ul	98
16) 4-Methylphenol	8.43	108	368601	20.186	ng/ul	99
17) Hexachloroethane	8.72	117	138442	20.050	ng/ul	95
20) Nitrobenzene	8.85	77	404825	19.172	ng/ul	99
21) Isophorone	9.37	82	774777	20.212	ng/ul	99
23) 2-Nitrophenol	9.56	139	208215	19.725	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	421260	20.073	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	477681	19.640	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	359262	20.150	ng/ul	99
28) Naphthalene	10.48	128	1181633	19.758	ng/ul	99
30) 4-Chloroaniline	10.60	127	306979	19.765	ng/ul	100
31) Hexachlorobutadiene	10.76	225	228596	19.385	ng/ul	96
32) Caprolactam	11.38	113	122782	20.300	ng/ul	98
33) 4-Chloro-3-methylphenol	11.73	107	403947	20.602	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	876961	19.956	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	848827	20.146 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	459291	19.429 ng/ul	97
38) Hexachlorocyclopentadiene	12.44	237	265385	17.605 ng/ul	100
39) 2,4,6-Trichlorophenol	12.72	196	304290	20.289 ng/ul	97
40) 2,4,5-Trichlorophenol	12.79	196	327976	20.319 ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1125388	19.340 ng/ul	100
42) 2-Chloronaphthalene	13.16	162	893734	19.658 ng/ul	98
43) 2-Nitroaniline	13.38	65	265576	20.719 ng/ul	97
45) Dimethylphthalate	13.76	163	1150420	19.686 ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	238359	20.322 ng/ul	97
48) Acenaphthylene	14.02	152	1380210	20.080 ng/ul	99
49) 3-Nitroaniline	14.22	138	211205	19.104 ng/ul	93
50) Acenaphthene	14.36	153	976572	19.843 ng/ul	97
51) 2,4-Dinitrophenol	14.42	184	134858	17.306 ng/ul	91
53) 4-Nitrophenol	14.53	109	167462	19.600 ng/ul	95
54) Dibenzofuran	14.70	168	1381690	19.818 ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	354865	20.281 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.93	232	309252	20.700 ng/ul	97
57) Diethylphthalate	15.13	149	1168195	19.995 ng/ul	100
59) Fluorene	15.35	166	1147104	19.960 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	579494	19.706 ng/ul	99
61) 4-Nitroaniline	15.38	138	276533	20.861 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.44	198	225927	18.698 ng/ul	97
65) N-Nitrosodiphenylamine	15.57	169	1011942	19.830 ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	379190	19.884 ng/ul	95
67) Hexachlorobenzene	16.35	284	423455	19.682 ng/ul	97
68) Atrazine	16.53	200	370546	19.737 ng/ul	98
69) Pentachlorophenol	16.70	266	259533	19.316 ng/ul	98
70) Phenanthrene	17.09	178	1926761	19.758 ng/ul	100
72) Anthracene	17.18	178	1965657	19.846 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	460190	19.219 ng/uL	99
74) Pentachlorobenzene	14.62	250	478753	19.436 ng/uL	99
75) Carbazole	17.46	167	1771113	20.450 ng/ul	99
76) Di-n-butylphthalate	18.03	149	2032342	20.083 ng/ul	99
77) Fluoranthene	19.11	202	2347300	20.999 ng/ul	98
80) Pyrene	19.47	202	2426252	20.353 ng/ul	99
81) Butylbenzylphthalate	20.39	149	994225	20.893 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	801028	19.951 ng/ul	99
83) Benzo(a)anthracene	21.23	228	2554871	20.337 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1451507	20.872 ng/ul	100
85) Chrysene	21.28	228	2406083	20.142 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	2519146	21.527 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2702853	20.553 ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2555040	19.890 ng/ul	99
91) Benzo(a)pyrene	23.36	252	2572624	20.024 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.66	276	2894430	18.516 ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	2455326	18.810 ng/ul	100
94) Benzo(g,h,i)perylene	26.33	276	2323775	17.499 ng/ul	98

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

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