Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017433.D
Acq On : 31 Oct 2018 17:09
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02079

Quant Time: Nov 01 05:41:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 05:28:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	236733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1134080	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	659802	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1578377	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1829537	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1711915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	33623	6.54	ng/uL	0.00
5) Phenol-d5	6.83	99	396514	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	244989	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	338726	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	355932	20.82	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	176285	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	198324	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	382340	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	327196	21.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1115297	19.71	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1375622	20.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	189511	17.93	ng/ul	0.00
58) Fluorene-d10	15.29	176	972622	19.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	194706	17.70	ng/ul	0.00
71) Anthracene-d10	17.14	188	1552415	19.87	ng/ul	0.00
79) Pyrene-d10	19.44	212	1768547	20.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1830866	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	32956	6.356	ng/uL	98
4) Benzaldehyde	6.80	77	69256	16.805	ng/ul	95
6) Phenol	6.85	94	397239	18.500	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	311652	19.159	ng/ul	99
10) 2-Chlorophenol	7.21	128	327921	19.471	ng/ul	97
11) 2-Methylphenol	8.09	108	337909	20.895	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.17	45	497999	22.973	ng/ul	99
14) Acetophenone	8.46	105	559267	21.228	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	293884	22.710	ng/ul	96
16) 4-Methylphenol	8.42	108	366378	21.036	ng/ul	99
17) Hexachloroethane	8.70	117	129753	19.702	ng/ul	96
20) Nitrobenzene	8.84	77	424844	20.281	ng/ul	97
21) Isophorone	9.36	82	798076	20.988	ng/ul	99
23) 2-Nitrophenol	9.55	139	211302	20.178	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	427629	20.540	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.85	93	492563	20.415	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	365299	20.653	ng/ul	99
28) Naphthalene	10.47	128	1163797	19.616	ng/ul	99
30) 4-Chloroaniline	10.59	127	337303	21.892	ng/ul	96
31) Hexachlorobutadiene	10.75	225	222179	18.992	ng/ul	96
32) Caprolactam	11.37	113	121186	20.197	ng/ul	95
33) 4-Chloro-3-methylphenol	11.72	107	414459	21.308	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	890198	20.419	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	852551	20.397 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	468279	21.117 ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	239917	16.966 ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	302055	21.470 ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	326865	21.587 ng/ul	98
41) 1,1'-Biphenyl	13.12	154	1152120	21.107 ng/ul	98
42) 2-Chloronaphthalene	13.15	162	912075	21.386 ng/ul	98
43) 2-Nitroaniline	13.37	65	272612	22.672 ng/ul	90
45) Dimethylphthalate	13.76	163	1074632	19.603 ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	224615	20.415 ng/ul	98
48) Acenaphthylene	14.01	152	1289645	20.002 ng/ul	99
49) 3-Nitroaniline	14.21	138	202274	19.504 ng/ul	96
50) Acenaphthene	14.35	153	913966	19.797 ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	103681	14.184 ng/ul	95
53) 4-Nitrophenol	14.52	109	144096	17.979 ng/ul	97
54) Dibenzofuran	14.69	168	1301302	19.898 ng/ul	98
55) 2,4-Dinitrotoluene	14.67	165	334577	20.384 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	285879	20.399 ng/ul	99
57) Diethylphthalate	15.13	149	1094540	19.971 ng/ul	99
59) Fluorene	15.35	166	1066591	19.784 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	545221	19.765 ng/ul	100
61) 4-Nitroaniline	15.37	138	252083	20.272 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	203367	18.109 ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	942890	19.880 ng/ul	98
66) 4-Bromophenyl-phenylether	16.24	248	350487	19.774 ng/ul	97
67) Hexachlorobenzene	16.34	284	391781	19.593 ng/ul	95
68) Atrazine	16.52	200	338754	19.414 ng/ul	100
69) Pentachlorophenol	16.69	266	234839	18.805 ng/ul	99
70) Phenanthrene	17.08	178	1777041	19.607 ng/ul	100
72) Anthracene	17.17	178	1830990	19.890 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	462417	20.779 ng/uL	99
74) Pentachlorobenzene	14.61	250	444451	19.413 ng/uL	99
75) Carbazole	17.45	167	1618747	20.110 ng/ul	98
76) Di-n-butylphthalate	18.02	149	1889411	20.088 ng/ul	99
77) Fluoranthene	19.10	202	2151698	20.711 ng/ul	98
80) Pyrene	19.47	202	2234975	21.037 ng/ul	98
81) Butylbenzylphthalate	20.39	149	906990	21.387 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	694826	19.418 ng/ul	99
83) Benzo(a)anthracene	21.22	228	2253235	20.126 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1322811	21.343 ng/ul	99
85) Chrysene	21.27	228	2124723	19.958 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	2298039	25.772 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2091096	20.868 ng/ul	100
89) Benzo(k)fluoranthene	22.83	252	2121407	21.673 ng/ul	99
91) Benzo(a)pyrene	23.35	252	1973149	20.155 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	2002325	16.810 ng/ul	100
93) Dibenzo(a,h)anthracene	25.66	278	1678076	16.871 ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	1609025	15.901 ng/ul	99

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

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