Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070819\
Data File : BM021406.D
Acq On : 08 Jul 2019 16:54
Operator : HP/JU
Sample : SSTD16028
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 08 17:38:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 16:36:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	162203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	620540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	359624	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	801096	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	864051	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	963866	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	195416	148.34	ng/uL	0.00
5) Phenol-d5	6.93	99	2058403	163.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.09	67	1179303	157.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	1778854	163.88	ng/ul	0.01
13) 4-Methylphenol-d8	8.46	113	1612152	160.31	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	848786	166.06	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	1025256	177.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	1916806	166.28	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	1054806	101.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	4961559	157.53	ng/ul	0.02
46) Acenaphthylene-d8	14.08	160	6325659	159.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	871150	173.62	ng/ul	0.02
57) Fluorene-d10	15.39	176	4374688	155.61	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	1034242	192.30	ng/ul	0.02
70) Anthracene-d10	17.24	188	6675324	160.42	ng/ul	0.01
78) Pyrene-d10	19.54	212	7457280	157.26	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.46	264	9344885	168.58	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	203549	147.037	ng/uL	97
4) Benzaldehyde	6.90	77	1303496	235.861	ng/ul	98
6) Phenol	6.96	94	1926256	159.576	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	1452053	155.471	ng/ul	99
10) 2-Chlorophenol	7.32	128	1654653	158.602	ng/ul	98
11) 2-Methylphenol	8.19	108	1470315	159.735	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	1076622	94.320	ng/ul	99
14) Acetophenone	8.57	105	2329566	153.966	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.58	70	1136581	149.801	ng/ul	98
16) 4-Methylphenol	8.53	108	1540902	157.850	ng/ul	97
17) Hexachloroethane	8.80	117	692538	151.810	ng/ul	96
20) Nitrobenzene	8.96	77	1779538	155.432	ng/ul	96
21) Isophorone	9.49	82	3148788	155.170	ng/ul	99
23) 2-Nitrophenol	9.66	139	962306	167.185	ng/ul	95
24) 2,4-Dimethylphenol	9.72	107	1750690	156.329	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	1920479	151.726	ng/ul	98
27) 2,4-Dichlorophenol	10.19	162	1709199	162.090	ng/ul	99
28) Naphthalene	10.58	128	4904117	151.856	ng/ul	100
30) 4-Chloroaniline	10.70	127	1006096	101.452	ng/ul	98
31) Hexachlorobutadiene	10.85	225	1222364	156.855	ng/ul	99
32) Caprolactam	11.54	113	238505	86.457	ng/ul	92
33) 4-Chloro-3-methylphenol	11.84	107	1560432	158.981	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	3631994	152.574	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	2241567	160.270 ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	1359118	191.192 ng/ul	98
38) 2,4,6-Trichlorophenol	12.81	196	1426160	171.342 ng/ul	97
39) 2,4,5-Trichlorophenol	12.89	196	1491679	169.084 ng/ul	97
40) 1,1'-Biphenyl	13.22	154	4675890	155.350 ng/ul	100
41) 2-Chloronaphthalene	13.26	162	3780062	156.708 ng/ul	99
42) 2-Nitroaniline	13.49	65	934480	177.293 ng/ul	95
44) Dimethylphthalate	13.86	163	4450828	151.756 ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	992936	185.919 ng/ul#	89
47) Acenaphthylene	14.11	152	5350718	155.520 ng/ul	99
48) 3-Nitroaniline	14.32	138	771528	160.817 ng/ul	94
49) Acenaphthene	14.45	153	3836222	153.448 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	672146	208.841 ng/ul	96
52) 4-Nitrophenol	14.64	109	615588	165.217 ng/ul	97
53) Dibenzofuran	14.79	168	5521843	152.472 ng/ul	99
54) 2,4-Dinitrotoluene	14.78	165	1414374	172.668 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	1332110	169.425 ng/ul	95
56) Diethylphthalate	15.22	149	4283602	152.127 ng/ul	98
58) Fluorene	15.44	166	4471634	152.618 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	2513999	153.532 ng/ul	97
60) 4-Nitroaniline	15.50	138	910034	183.116 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	994577	186.330 ng/ul#	91
64) N-Nitrosodiphenylamine	15.66	169	3833204	160.849 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	1671598	168.650 ng/ul	98
66) Hexachlorobenzene	16.44	284	1895342	160.842 ng/ul	97
67) Atrazine	16.62	200	1296178	147.719 ng/ul	100
68) Pentachlorophenol	16.79	266	1151792	186.360 ng/ul	100
69) Phenanthrene	17.18	178	7000067	154.970 ng/ul	99
71) Anthracene	17.27	178	7250043	157.696 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	2197399	167.329 ng/uL	99
73) Pentachlorobenzene	14.70	250	2188636	161.784 ng/uL	99
74) Carbazole	17.55	167	6130331	160.586 ng/ul	99
75) Di-n-butylphthalate	18.10	149	7072046	161.764 ng/ul	100
76) Fluoranthene	19.20	202	8478537	157.949 ng/ul	99
79) Pyrene	19.57	202	8451639	147.795 ng/ul	100
80) Butylbenzylphthalate	20.46	149	3379457	166.832 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.25	252	3126133	162.726 ng/ul	100
82) Benzo(a)anthracene	21.32	228	8843927	149.460 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.23	149	4923115	165.226 ng/ul#	97
84) Chrysene	21.37	228	8228746	147.927 ng/ul	96
86) Di-n-octyl phthalate	22.13	149	8403783	162.055 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	9924174	165.223 ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	8892189	148.629 ng/ul	97
90) Benzo(a)pyrene	23.51	252	9238492	159.240 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	11698275	163.236 ng/ul	98
92) Dibenzo(a,h)anthracene	25.91	278	9728034	161.474 ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	9552615	161.566 ng/ul	99

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

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