Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071519\
Data File : BM021458.D
Acq On : 15 Jul 2019 14:22
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02038

Quant Time: Jul 15 15:25:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	219563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	896369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	545934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	1213600	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1081223	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1160064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	32083	7.20	ng/uL	0.00
5) Phenol-d5	6.90	99	318774	18.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	185855	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	271809	18.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	268225	19.73	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	134591	18.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	147534	17.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	310698	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	346765	23.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	871636	18.23	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1120307	18.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	125703	16.59	ng/ul	0.00
57) Fluorene-d10	15.37	176	769204	18.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	139023	17.04	ng/ul	0.00
70) Anthracene-d10	17.22	188	1154424	18.31	ng/ul	0.00
78) Pyrene-d10	19.52	212	1168939	19.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1140610	17.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	31814	6.791	ng/uL	98
4) Benzaldehyde	6.89	77	227550	24.689	ng/ul	98
6) Phenol	6.93	94	325304	19.908	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	253773	20.086	ng/ul	98
10) 2-Chlorophenol	7.30	128	276078	19.549	ng/ul	99
11) 2-Methylphenol	8.18	108	253458	20.356	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	321759	20.885	ng/ul	99
14) Acetophenone	8.56	105	427478	20.871	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	213514	20.789	ng/ul	96
16) 4-Methylphenol	8.50	108	271760	20.586	ng/ul	95
17) Hexachloroethane	8.79	117	120944	19.586	ng/ul	98
20) Nitrobenzene	8.93	77	326440	19.739	ng/ul	100
21) Isophorone	9.46	82	594478	20.281	ng/ul	99
23) 2-Nitrophenol	9.64	139	160759	19.335	ng/ul	95
24) 2,4-Dimethylphenol	9.70	107	319462	19.748	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.94	93	363732	19.894	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	299036	19.632	ng/ul	99
28) Naphthalene	10.56	128	906282	19.428	ng/ul	99
30) 4-Chloroaniline	10.69	127	345175	23.987	ng/ul	100
31) Hexachlorobutadiene	10.83	225	215717	19.163	ng/ul	99
32) Caprolactam	11.49	113	94273	23.716	ng/ul	90
33) 4-Chloro-3-methylphenol	11.82	107	288055	20.317	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	683492	19.877	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	412439	19.425	ng/ul	98
37) Hexachlorocyclopentadiene	12.52	237	206252	19.095	ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	247170	19.561	ng/ul	95
39) 2,4,5-Trichlorophenol	12.87	196	259824	19.401	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	891638	19.514	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	715700	19.545	ng/ul	99
42) 2-Nitroaniline	13.47	65	156856	19.603	ng/ul	99
44) Dimethylphthalate	13.84	163	868221	19.500	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	161532	19.924	ng/ul	96
47) Acenaphthylene	14.09	152	1024063	19.607	ng/ul	100
48) 3-Nitroaniline	14.30	138	144580	19.824	ng/ul	98
49) Acenaphthene	14.44	153	740629	19.515	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	78320	16.063	ng/ul	98
52) 4-Nitrophenol	14.61	109	105333	18.663	ng/ul	97
53) Dibenzofuran	14.77	168	1068975	19.444	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	242912	19.535	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.00	232	228650	19.156	ng/ul	100
56) Diethylphthalate	15.20	149	823266	19.260	ng/ul	100
58) Fluorene	15.43	166	861876	19.377	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	484316	19.484	ng/ul	99
60) 4-Nitroaniline	15.47	138	138073	18.438	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	145275	17.900	ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	723715	20.046	ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	297943	19.842	ng/ul	96
66) Hexachlorobenzene	16.42	284	349033	19.552	ng/ul	98
67) Atrazine	16.60	200	302698	22.695	ng/ul	99
68) Pentachlorophenol	16.77	266	176446	18.751	ng/ul	98
69) Phenanthrene	17.17	178	1322187	19.322	ng/ul	100
71) Anthracene	17.26	178	1340340	19.244	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	400570	20.135	ng/uL	100
73) Pentachlorobenzene	14.69	250	429785	20.971	ng/uL	98
74) Carbazole	17.54	167	1080009	18.682	ng/ul	100
75) Di-n-butylphthalate	18.09	149	1242737	18.764	ng/ul	100
76) Fluoranthene	19.19	202	1458249	17.946	ng/ul	99
79) Pyrene	19.55	202	1496663	20.915	ng/ul	100
80) Butylbenzylphthalate	20.46	149	489591	19.315	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.24	252	415406	17.279	ng/ul	100
82) Benzo(a)anthracene	21.30	228	1446553	19.536	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	707940	18.987	ng/ul	99
84) Chrysene	21.35	228	1370385	19.687	ng/ul	99
86) Di-n-octyl phthalate	22.11	149	1179533	18.822	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	1432958	19.822	ng/ul	99
88) Benzo(k)fluoranthene	22.94	252	1371022	19.040	ng/ul	99
90) Benzo(a)pyrene	23.48	252	1348348	19.310	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.86	276	1667526	19.333	ng/ul	100
92) Dibenzo(a,h)anthracene	25.86	278	1402199	19.338	ng/ul	99
93) Benzo(g,h,i)perylene	26.55	276	1375777	19.334	ng/ul	99

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

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