Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
Data File : BM021429.D
Acq On : 11 Jul 2019 15:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02033

Quant Time: Jul 12 04:53:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 17:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	166393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	629526	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	369268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	845112	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	880067	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1002342	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25454	7.53	ng/uL	0.00
5) Phenol-d5	6.91	99	232369	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	137249	17.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	199697	17.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	188307	18.27	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	93989	18.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	100680	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	210815	18.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	231787	21.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	578606	17.89	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	748931	18.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	85425	16.67	ng/ul	0.00
57) Fluorene-d10	15.37	176	515366	17.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	89444	15.74	ng/ul	0.00
70) Anthracene-d10	17.23	188	802617	18.28	ng/ul	0.00
78) Pyrene-d10	19.52	212	877683	18.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	967845	16.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	27074	7.626	ng/uL	95
4) Benzaldehyde	6.89	77	162805	23.308	ng/ul	94
6) Phenol	6.93	94	235676	19.031	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	185224	19.345	ng/ul	98
10) 2-Chlorophenol	7.30	128	202406	18.913	ng/ul	98
11) 2-Methylphenol	8.17	108	177354	18.795	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	228784	19.596	ng/ul	99
14) Acetophenone	8.56	105	296717	19.116	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	146889	18.872	ng/ul	98
16) 4-Methylphenol	8.50	108	191146	19.106	ng/ul	99
17) Hexachloroethane	8.79	117	92066	19.673	ng/ul	96
20) Nitrobenzene	8.94	77	228614	19.683	ng/ul	97
21) Isophorone	9.46	82	395242	19.199	ng/ul	100
23) 2-Nitrophenol	9.65	139	107616	18.430	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	220806	19.436	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	247474	19.272	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	207977	19.442	ng/ul	98
28) Naphthalene	10.57	128	636337	19.423	ng/ul	100
30) 4-Chloroaniline	10.69	127	231675	22.924	ng/ul	96
31) Hexachlorobutadiene	10.83	225	156239	19.763	ng/ul	98
32) Caprolactam	11.49	113	58504	20.957	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	191673	19.249	ng/ul	98
34) 2-Methylnaphthalene	12.18	142	461248	19.100	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	278689	19.406	ng/ul	100
37) Hexachlorocyclopentadiene	12.52	237	134870	18.461	ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	165252	19.335	ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	174998	19.318	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	603122	19.515	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	485928	19.619	ng/ul	99
42) 2-Nitroaniline	13.47	65	100853	18.634	ng/ul	94
44) Dimethylphthalate	13.84	163	581664	19.315	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	103533	18.879	ng/ul	97
47) Acenaphthylene	14.10	152	687626	19.464	ng/ul	100
48) 3-Nitroaniline	14.30	138	88689	17.978	ng/ul	99
49) Acenaphthene	14.44	153	502948	19.592	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	49639	15.051	ng/ul	98
52) 4-Nitrophenol	14.61	109	71921	18.840	ng/ul	92
53) Dibenzofuran	14.77	168	723490	19.456	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	157954	18.780	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.00	232	154624	19.152	ng/ul	97
56) Diethylphthalate	15.20	149	549130	18.992	ng/ul	99
58) Fluorene	15.43	166	586233	19.486	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	326844	19.439	ng/ul	99
60) 4-Nitroaniline	15.47	138	90746	17.916	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	95535	16.904	ng/ul	99
64) N-Nitrosodiphenylamine	15.64	169	492891	19.605	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	204368	19.545	ng/ul	98
66) Hexachlorobenzene	16.43	284	241818	19.452	ng/ul	99
67) Atrazine	16.60	200	209689	22.577	ng/ul	99
68) Pentachlorophenol	16.78	266	119798	18.282	ng/ul	98
69) Phenanthrene	17.17	178	930570	19.528	ng/ul	100
71) Anthracene	17.26	178	942303	19.429	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	274535	19.817	ng/uL	99
73) Pentachlorobenzene	14.69	250	291920	20.455	ng/uL	99
74) Carbazole	17.54	167	776408	19.286	ng/ul	99
75) Di-n-butylphthalate	18.09	149	861380	18.677	ng/ul	100
76) Fluoranthene	19.19	202	1083615	19.151	ng/ul	99
79) Pyrene	19.55	202	1129318	19.389	ng/ul	98
80) Butylbenzylphthalate	20.46	149	368431	17.857	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.24	252	351836	17.980	ng/ul	100
82) Benzo(a)anthracene	21.30	228	1154000	19.147	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	546613	18.011	ng/ul	99
84) Chrysene	21.36	228	1111693	19.621	ng/ul	100
86) Di-n-octyl phthalate	22.11	149	954751	17.633	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	1226950	19.643	ng/ul	100
88) Benzo(k)fluoranthene	22.94	252	1181553	18.991	ng/ul	99
90) Benzo(a)pyrene	23.48	252	1166697	19.338	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.86	276	1455179	19.526	ng/ul	100
92) Dibenzo(a,h)anthracene	25.87	278	1216411	19.416	ng/ul	99
93) Benzo(g,h,i)perylene	26.56	276	1195556	19.445	ng/ul	98

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

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