Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_M\DATA\BM062719\
Data File : BM021221.D
Acq On : 27 Jun 2019 17:45
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02048

Manual Integrations APPROVED
mohammad
6/28/2019 2:23:24 PM

Quant Time: Jun 27 18:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	329176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1454627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	941128	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2083780	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1537477	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1610313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	42234	6.09	ng/uL	0.00
5) Phenol-d5	6.93	99	560092	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	329013	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	461341	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	475492	19.88	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	240799	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	279380	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	558684	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	496782	17.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1668886	19.63	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2071094	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	253599	18.33	ng/ul	0.00
57) Fluorene-d10	15.40	176	1453152	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	256341	20.01	ng/ul	0.00
70) Anthracene-d10	17.25	188	2131188	19.68	ng/ul	0.00
78) Pyrene-d10	19.54	212	1995501	21.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1887863	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	47165	6.724	ng/uL	98
4) Benzaldehyde	6.92	77	199840	15.299	ng/ul	99
6) Phenol	6.96	94	526655	19.433	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	401121	19.393	ng/ul	99
10) 2-Chlorophenol	7.33	128	438589	19.991	ng/ul	99
11) 2-Methylphenol	8.20	108	418643	19.965	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	516319	19.549	ng/ul	99
14) Acetophenone	8.59	105	687361	19.969	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	362161	20.216	ng/ul	98
16) 4-Methylphenol	8.53	108	457507	20.050	ng/ul	96
17) Hexachloroethane	8.83	117	177184	19.375	ng/ul	98
20) Nitrobenzene	8.97	77	519880	19.592	ng/ul	99
21) Isophorone	9.49	82	1010419	20.220	ng/ul	100
23) 2-Nitrophenol	9.67	139	271982	20.630	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	538985	20.011	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	595978	19.353	ng/ul	100
27) 2,4-Dichlorophenol	10.20	162	502003	20.683	ng/ul	98
28) Naphthalene	10.60	128	1468730	19.666	ng/ul	100
30) 4-Chloroaniline	10.72	127	468643	17.919	ng/ul	100
31) Hexachlorobutadiene	10.87	225	330565	19.989	ng/ul	100
32) Caprolactam	11.52	113	141865m	20.792	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	510460	20.629	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	1144827	19.992	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	671507	19.987	ng/ul	100
37) Hexachlorocyclopentadiene	12.55	237	376587	18.841	ng/ul	100
38) 2,4,6-Trichlorophenol	12.83	196	437815	20.969	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	463329	20.775	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	1518180	19.555	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	1212664	19.771	ng/ul	99
42) 2-Nitroaniline	13.49	65	303252	20.343	ng/ul	100
44) Dimethylphthalate	13.87	163	1515663	19.580	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	311164	21.061	ng/ul	95
47) Acenaphthylene	14.13	152	1759308	19.740	ng/ul	99
48) 3-Nitroaniline	14.33	138	270746	20.933	ng/ul	96
49) Acenaphthene	14.47	153	1275664	19.524	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	149657	20.164	ng/ul	93
52) 4-Nitrophenol	14.63	109	181448	17.735	ng/ul	98
53) Dibenzofuran	14.80	168	1819688	19.560	ng/ul	99
54) 2,4-Dinitrotoluene	14.78	165	444902	20.751	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	409879	21.076	ng/ul	98
56) Diethylphthalate	15.23	149	1480344	19.821	ng/ul	99
58) Fluorene	15.46	166	1476748	19.537	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	810750	19.673	ng/ul	99
60) 4-Nitroaniline	15.49	138	260530	18.951	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	249271	19.385	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	1263136	20.015	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	521441	20.406	ng/ul	99
66) Hexachlorobenzene	16.45	284	596798	20.378	ng/ul	99
67) Atrazine	16.62	200	444570	19.417	ng/ul	99
68) Pentachlorophenol	16.80	266	319844	21.781	ng/ul	98
69) Phenanthrene	17.20	178	2257291	19.587	ng/ul	99
71) Anthracene	17.29	178	2302869	19.609	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	670301	20.448	ng/uL	99
73) Pentachlorobenzene	14.72	250	686604	20.356	ng/uL	98
74) Carbazole	17.56	167	1859155	19.208	ng/ul	100
75) Di-n-butylphthalate	18.12	149	2331071	20.060	ng/ul	99
76) Fluoranthene	19.21	202	2375827	19.080	ng/ul	99
79) Pyrene	19.57	202	2335645	21.488	ng/ul	98
80) Butylbenzylphthalate	20.47	149	879462	21.858	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	663055	19.241	ng/ul	99
82) Benzo(a)anthracene	21.32	228	2065545	19.706	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	1213638	21.186	ng/ul	100
84) Chrysene	21.37	228	1918827	19.546	ng/ul	100
86) Di-n-octyl phthalate	22.14	149	1878188	20.241	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2040589	20.005	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1875742	19.114	ng/ul	99
90) Benzo(a)pyrene	23.51	252	1881014	19.592	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	2354465	20.826	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	1951336	20.517	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	1936938	20.802	ng/ul	98

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

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