Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020933.D
Acq On : 13 Jun 2019 17:25
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02035

Quant Time: Jun 13 18:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 17:19:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	535314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	2156214	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	1208283	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	2289887	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1874535	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2131672	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	79376	7.07	ng/uL	0.00
5) Phenol-d5	6.97	99	830440	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	472712	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	700867	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	675666	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	333655	22.67	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	374825	24.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	749234	23.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	857649	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1952742	21.85	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	2458032	21.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	262462	17.11	ng/ul	0.00
57) Fluorene-d10	15.43	176	1571515	20.69	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	210665	17.99	ng/ul	0.00
70) Anthracene-d10	17.29	188	2118708	21.18	ng/ul	0.00
78) Pyrene-d10	19.58	212	1987451	21.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2098289	21.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	82368	6.985	ng/uL	94
4) Benzaldehyde	6.95	77	589376	19.098	ng/ul	97
6) Phenol	7.00	94	847813	20.108	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	635489	19.426	ng/ul	97
10) 2-Chlorophenol	7.37	128	711264	21.197	ng/ul	94
11) 2-Methylphenol	8.24	108	636376	20.312	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	787216	18.357	ng/ul	98
14) Acetophenone	8.63	105	1020801	20.047	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	529686	19.760	ng/ul	96
16) 4-Methylphenol	8.57	108	697552	20.358	ng/ul	97
17) Hexachloroethane	8.87	117	274597	19.462	ng/ul	92
20) Nitrobenzene	9.01	77	777176	20.976	ng/ul	97
21) Isophorone	9.53	82	1397816	20.418	ng/ul	98
23) 2-Nitrophenol	9.71	139	399667	23.528	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	789556	21.624	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	873162	20.557	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	723753	23.159	ng/ul	97
28) Naphthalene	10.65	128	2166238	21.391	ng/ul	99
30) 4-Chloroaniline	10.76	127	869785	22.352	ng/ul	97
31) Hexachlorobutadiene	10.92	225	493468	23.312	ng/ul	98
32) Caprolactam	11.55	113	182496	20.045	ng/ul	91
33) 4-Chloro-3-methylphenol	11.88	107	680237	21.094	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	1602264	21.541	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	926030	23.650	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	441420	18.167	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	569675	24.225	ng/ul	100
39) 2,4,5-Trichlorophenol	12.94	196	596640	23.361	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	2068810	22.063	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	1594947	22.102	ng/ul	99
42) 2-Nitroaniline	13.53	65	388484	20.732	ng/ul	94
44) Dimethylphthalate	13.90	163	1939899	21.676	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	387640	23.092	ng/ul	96
47) Acenaphthylene	14.16	152	2335282	21.299	ng/ul	100
48) 3-Nitroaniline	14.36	138	341204	21.118	ng/ul	97
49) Acenaphthene	14.50	153	1623982	21.218	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	262824	29.210	ng/ul	94
52) 4-Nitrophenol	14.66	109	206680	16.437	ng/ul	96
53) Dibenzofuran	14.84	168	2266838	20.938	ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	517312	21.316	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.07	232	467773	21.798	ng/ul	92
56) Diethylphthalate	15.27	149	1877488	21.004	ng/ul	98
58) Fluorene	15.49	166	1780322	20.483	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	989417	21.367	ng/ul	95
60) 4-Nitroaniline	15.52	138	345864	18.850	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	224457	18.046	ng/ul	98
64) N-Nitrosodiphenylamine	15.70	169	1528825	23.745	ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	606561	24.840	ng/ul	98
66) Hexachlorobenzene	16.49	284	663445	23.894	ng/ul	96
67) Atrazine	16.66	200	542930	22.882	ng/ul	99
68) Pentachlorophenol	16.83	266	294067	18.382	ng/ul	97
69) Phenanthrene	17.23	178	2444790	21.214	ng/ul	99
71) Anthracene	17.32	178	2490811	21.085	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	928933	27.364	ng/uL	99
73) Pentachlorobenzene	14.76	250	829446	25.943	ng/uL	99
74) Carbazole	17.59	167	2035932	19.819	ng/ul	99
75) Di-n-butylphthalate	18.15	149	2791387	21.735	ng/ul	100
76) Fluoranthene	19.24	202	2539239	19.227	ng/ul	97
79) Pyrene	19.61	202	2551908	22.054	ng/ul	96
80) Butylbenzylphthalate	20.50	149	1050717	22.279	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.29	252	867836	20.887	ng/ul	100
82) Benzo(a)anthracene	21.35	228	2488550	21.281	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1534428	19.292	ng/ul	99
84) Chrysene	21.40	228	2339364	21.560	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	2527347	20.000	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	2568134	20.710	ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	2508126	21.161	ng/ul	99
90) Benzo(a)pyrene	23.55	252	2469226	20.930	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	3030740	21.750	ng/ul	97
92) Dibenzo(a,h)anthracene	25.97	278	2553867	21.631	ng/ul	97
93) Benzo(g,h,i)perylene	26.67	276	2463459	21.792	ng/ul	96

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

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