Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090320\
Data File : BM027321.D
Acq On : 03 Sep 2020 17:28
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Sep 03 18:41:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 03 18:40:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	137105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	532937	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	382235	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	833862	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	792465	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	773623	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	27625	11.41	ng/uL	0.00
5) Phenol-d5	6.76	99	201851	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	138954	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	162782	19.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	162269	18.18	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	79004	18.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	88042	17.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	185072	18.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	208072	19.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	549222	18.11	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	665996	18.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	84341	16.49	ng/ul	0.00
58) Fluorene-d10	15.22	176	503382	19.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	85470	15.71	ng/ul	0.00
71) Anthracene-d10	17.06	188	758495	19.16	ng/ul	0.00
79) Pyrene-d10	19.36	212	802409	17.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	805034	18.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	28852	10.123	ng/uL	96
4) Benzaldehyde	6.72	77	155237	19.823	ng/ul	93
6) Phenol	6.79	94	219249	18.862	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.01	93	181267	19.396	ng/ul	99
10) 2-Chlorophenol	7.15	128	172184	19.689	ng/ul	96
11) 2-Methylphenol	8.02	108	160194	18.533	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.11	45	133705	18.478	ng/ul	94
14) Acetophenone	8.39	105	283837	19.849	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	169335	19.668	ng/ul	97
16) 4-Methylphenol	8.35	108	173855	18.758	ng/ul	96
17) Hexachloroethane	8.65	117	86537	20.993	ng/ul	97
20) Nitrobenzene	8.76	77	252774	19.791	ng/ul	98
21) Isophorone	9.29	82	414720	18.018	ng/ul	99
23) 2-Nitrophenol	9.47	139	97605	18.645	ng/ul#	85
24) 2,4-Dimethylphenol	9.54	107	220275	19.999	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	239732	18.177	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	188688	19.343	ng/ul	98
28) Naphthalene	10.39	128	550633	19.400	ng/ul	99
30) 4-Chloroaniline	10.50	127	216149	19.933	ng/ul	95
31) Hexachlorobutadiene	10.69	225	153463	20.935	ng/ul	97
32) Caprolactam	11.28	113	43466	14.865	ng/ul	97
33) 4-Chloro-3-methylphenol	11.64	107	188839	18.515	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	419382	19.452	ng/ul	100

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35) 1-Methylnaphthalene	12.24	142	387334	18.407	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	266905	19.529	ng/ul	97
38) Hexachlorocyclopentadiene	12.38	237	170773	18.474	ng/ul	98
39) 2,4,6-Trichlorophenol	12.64	196	162205	18.642	ng/ul	95
40) 2,4,5-Trichlorophenol	12.71	196	174639	18.887	ng/ul	99
41) 1,1'-Biphenyl	13.05	154	575190	19.175	ng/ul	99
42) 2-Chloronaphthalene	13.08	162	459653	19.048	ng/ul	100
43) 2-Nitroaniline	13.29	65	136573	18.779	ng/ul	96
45) Dimethylphthalate	13.68	163	574016	18.236	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	113193	17.451	ng/ul	87
48) Acenaphthylene	13.93	152	676044	18.859	ng/ul	98
49) 3-Nitroaniline	14.12	138	99265	17.950	ng/ul	92
50) Acenaphthene	14.28	153	479389	19.088	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	55029	14.773	ng/ul	88
53) 4-Nitrophenol	14.44	109	95203	19.632	ng/ul	94
54) Dibenzofuran	14.62	168	709875	19.690	ng/ul	95
55) 2,4-Dinitrotoluene	14.59	165	166575	18.036	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	14.85	232	161534	19.508	ng/ul	100
57) Diethylphthalate	15.06	149	583818	18.606	ng/ul	99
59) Fluorene	15.27	166	589373	19.277	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	316852	18.967	ng/ul	94
61) 4-Nitroaniline	15.29	138	104438	17.071	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.36	198	91354	15.472	ng/ul	97
65) N-Nitrosodiphenylamine	15.49	169	501006	19.952	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	199154	19.050	ng/ul	96
67) Hexachlorobenzene	16.28	284	228197	19.122	ng/ul	98
68) Atrazine	16.44	200	182159	17.676	ng/ul	96
69) Pentachlorophenol	16.62	266	123245	17.586	ng/ul	98
70) Phenanthrene	17.00	178	918169	19.292	ng/ul	100
72) Anthracene	17.10	178	922336	19.025	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	262345	20.260	ng/uL	99
74) Pentachlorobenzene	14.55	250	263431	19.699	ng/uL	100
75) Carbazole	17.36	167	769912	19.265	ng/ul	97
76) Di-n-butylphthalate	17.95	149	921299	18.015	ng/ul	99
77) Fluoranthene	19.03	202	1019929	17.888	ng/ul	99
80) Pyrene	19.39	202	1064042	17.406	ng/ul	98
81) Butylbenzylphthalate	20.32	149	373638	16.170	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.09	252	309918	16.787	ng/ul	98
83) Benzo(a)anthracene	21.15	228	1005955	19.143	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	552036	16.890	ng/ul	99
85) Chrysene	21.20	228	974596	19.372	ng/ul	100
87) Di-n-octyl phthalate	21.97	149	904828	15.013	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	1000118	18.134	ng/ul	100
89) Benzo(k)fluoranthene	22.73	252	1020284	19.198	ng/ul	98
91) Benzo(a)pyrene	23.24	252	886113	18.308	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.50	276	1102983	19.782	ng/ul	100
93) Dibenzo(a,h)anthracene	25.51	278	932552	19.713	ng/ul	99
94) Benzo(g,h,i)perylene	26.16	276	921160	20.205	ng/ul	98

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

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