Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025802.D
Acq On : 26 Mar 2020 16:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02065

Quant Time: Mar 26 17:01:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 00:45:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	145621	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.33	136	586208	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	376810	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	826697	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	950569	20.00	ng/ul	-0.01
86) Perylene-d12	23.29	264	1058657	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	27328	7.87	ng/uL	0.00
5) Phenol-d5	6.75	99	221404	19.26	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	130606	19.91	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	189761	20.34	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	182725	19.35	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	90493	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	90872	19.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	191635	20.23	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.47	131	221490	20.14	ng/ul	-0.01
44) Dimethylphthalate-d6	13.62	166	557300	19.46	ng/ul	-0.01
47) Acenaphthylene-d8	13.89	160	696180	20.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	98925	18.14	ng/ul	-0.01
58) Fluorene-d10	15.20	176	505163	20.10	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	82707	16.40	ng/ul	-0.01
71) Anthracene-d10	17.05	188	791286	20.49	ng/ul	0.00
79) Pyrene-d10	19.35	212	860555	18.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1092367	20.15	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	30037	8.037	ng/uL	91
4) Benzaldehyde	6.72	77	85798	14.095	ng/ul	97
6) Phenol	6.77	94	233779	19.479	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	184736	19.437	ng/ul	98
10) 2-Chlorophenol	7.13	128	196107	19.973	ng/ul	97
11) 2-Methylphenol	8.01	108	176870	19.260	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	248119	19.566	ng/ul	99
14) Acetophenone	8.38	105	279539	19.191	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	140114	19.201	ng/ul	96
16) 4-Methylphenol	8.33	108	192615	19.213	ng/ul	97
17) Hexachloroethane	8.63	117	80149	19.635	ng/ul	99
20) Nitrobenzene	8.75	77	224782	21.176	ng/ul	97
21) Isophorone	9.27	82	384711	19.626	ng/ul	100
23) 2-Nitrophenol	9.46	139	106169	20.409	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	214748	20.357	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	247457	19.697	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	195215	20.772	ng/ul	100
28) Naphthalene	10.38	128	648255	20.305	ng/ul	99
30) 4-Chloroaniline	10.49	127	227456	20.381	ng/ul	99
31) Hexachlorobutadiene	10.68	225	124283	20.242	ng/ul	98
32) Caprolactam	11.25	113	53056	17.072	ng/ul	87
33) 4-Chloro-3-methylphenol	11.63	107	199475	20.418	ng/ul	95
34) 2-Methylnaphthalene	12.00	142	456987	20.040	ng/ul	98

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35) 1-Methylnaphthalene	12.22	142	454554	19.989	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	237947	19.966	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	124903	15.357	ng/ul	98
39) 2,4,6-Trichlorophenol	12.63	196	150952	19.923	ng/ul	97
40) 2,4,5-Trichlorophenol	12.69	196	165051	20.013	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	605492	20.111	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	478798	20.191	ng/ul	99
43) 2-Nitroaniline	13.27	65	125150	21.117	ng/ul	93
45) Dimethylphthalate	13.67	163	582247	19.532	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	118564	20.222	ng/ul	97
48) Acenaphthylene	13.92	152	747795	20.124	ng/ul	100
49) 3-Nitroaniline	14.11	138	96545	18.252	ng/ul	97
50) Acenaphthene	14.27	153	509767	20.180	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	48498	13.788	ng/ul	91
53) 4-Nitrophenol	14.43	109	82134	19.271	ng/ul	94
54) Dibenzofuran	14.61	168	719612	20.081	ng/ul	100
55) 2,4-Dinitrotoluene	14.57	165	175938	20.524	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.84	232	148147	19.819	ng/ul	99
57) Diethylphthalate	15.05	149	595662	19.495	ng/ul	99
59) Fluorene	15.26	166	611280	20.279	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	306212	19.848	ng/ul	96
61) 4-Nitroaniline	15.27	138	111086	17.649	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	92518	16.773	ng/ul	96
65) N-Nitrosodiphenylamine	15.47	169	515916	20.195	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	199680	19.586	ng/ul	98
67) Hexachlorobenzene	16.27	284	251147	20.063	ng/ul	99
68) Atrazine	16.43	200	181647	18.853	ng/ul	98
69) Pentachlorophenol	16.61	266	132100	18.069	ng/ul	100
70) Phenanthrene	16.99	178	994480	20.437	ng/ul	99
72) Anthracene	17.09	178	1016241	20.492	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	253251	19.992	ng/uL	98
74) Pentachlorobenzene	14.53	250	283326	20.093	ng/uL	97
75) Carbazole	17.36	167	865337	19.966	ng/ul	100
76) Di-n-butylphthalate	17.94	149	1000294	19.768	ng/ul	100
77) Fluoranthene	19.02	202	1134003	19.771	ng/ul	98
80) Pyrene	19.38	202	1196909	18.748	ng/ul	100
81) Butylbenzylphthalate	20.30	149	453578	18.655	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	313320	14.506	ng/ul	98
83) Benzo(a)anthracene	21.13	228	1192901	19.034	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	675005	17.897	ng/ul	99
85) Chrysene	21.18	228	1157419	18.824	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	1143901	18.032	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1325388	20.065	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1291729	19.851	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1208256	20.100	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	1582867	19.939	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	1337699	19.899	ng/ul	99
94) Benzo(g,h,i)perylene	26.06	276	1305981	19.961	ng/ul	99

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

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