Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060320\
Data File : BM026247.D
Acq On : 03 Jun 2020 15:40
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02093

Quant Time: Jun 03 16:22:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 12:10:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	115804	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	477068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	283942	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	608971	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	662708	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	687534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	26454	6.89	ng/uL	0.00
5) Phenol-d5	6.66	99	213812	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	147192	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	163343	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	163836	20.69	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	75246	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	81703	21.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	154023	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	199347	25.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	441005	19.37	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	530556	19.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	77759	19.28	ng/ul	0.00
58) Fluorene-d10	15.11	176	384919	19.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	66510	18.73	ng/ul	0.00
71) Anthracene-d10	16.96	188	583120	19.43	ng/ul	0.00
79) Pyrene-d10	19.26	212	656817	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	730190	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	30223	7.577	ng/uL	90
4) Benzaldehyde	6.62	77	143322	20.965	ng/ul	96
6) Phenol	6.69	94	235001	19.955	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.91	93	179874	19.851	ng/ul	98
10) 2-Chlorophenol	7.04	128	173933	19.407	ng/ul	94
11) 2-Methylphenol	7.92	108	165154	20.354	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	331147	20.134	ng/ul	100
14) Acetophenone	8.29	105	271990	20.478	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.28	70	152414	19.473	ng/ul	97
16) 4-Methylphenol	8.25	108	182468	20.678	ng/ul	99
17) Hexachloroethane	8.52	117	76217	19.823	ng/ul	98
20) Nitrobenzene	8.65	77	223952	18.749	ng/ul	97
21) Isophorone	9.18	82	381342	19.194	ng/ul	99
23) 2-Nitrophenol	9.36	139	93218	20.845	ng/ul	94
24) 2,4-Dimethylphenol	9.43	107	205622	19.247	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.66	93	235899	18.826	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	158651	19.803	ng/ul	96
28) Naphthalene	10.27	128	550158	18.861	ng/ul	99
30) 4-Chloroaniline	10.39	127	209862	25.642	ng/ul	99
31) Hexachlorobutadiene	10.57	225	106866	19.880	ng/ul	98
32) Caprolactam	11.17	113	42414	19.035	ng/ul	92
33) 4-Chloro-3-methylphenol	11.53	107	181166	19.525	ng/ul	97
34) 2-Methylnaphthalene	11.90	142	374126	19.069	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	349953	19.226 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	199972	19.649 ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	111144	18.944 ng/ul	98
39) 2,4,6-Trichlorophenol	12.53	196	120156	20.294 ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	132914	20.343 ng/ul	99
41) 1,1'-Biphenyl	12.93	154	474714	18.842 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	369880	19.024 ng/ul	98
43) 2-Nitroaniline	13.19	65	131025	19.995 ng/ul	98
45) Dimethylphthalate	13.58	163	462978	19.367 ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	90401	20.609 ng/ul	99
48) Acenaphthylene	13.83	152	574213	19.388 ng/ul	100
49) 3-Nitroaniline	14.03	138	91404	23.411 ng/ul	94
50) Acenaphthene	14.17	153	399310	19.118 ng/ul	98
51) 2,4-Dinitrophenol	14.24	184	40394	16.752 ng/ul	99
53) 4-Nitrophenol	14.36	109	70466	19.638 ng/ul	96
54) Dibenzofuran	14.52	168	560504	19.095 ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	134492	20.688 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.75	232	110253	20.066 ng/ul#	97
57) Diethylphthalate	14.96	149	458800	19.409 ng/ul	99
59) Fluorene	15.17	166	465194	19.592 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	230786	19.476 ng/ul	98
61) 4-Nitroaniline	15.20	138	101782	20.868 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.26	198	71449	19.113 ng/ul	93
65) N-Nitrosodiphenylamine	15.39	169	394696	19.339 ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	139896	19.727 ng/ul	96
67) Hexachlorobenzene	16.17	284	156461	19.622 ng/ul	99
68) Atrazine	16.36	200	137778	20.614 ng/ul	99
69) Pentachlorophenol	16.53	266	71529	16.288 ng/ul	97
70) Phenanthrene	16.90	178	729003	19.004 ng/ul	99
72) Anthracene	17.00	178	742056	19.281 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	194719	19.143 ng/uL	97
74) Pentachlorobenzene	14.44	250	185779	19.252 ng/uL	99
75) Carbazole	17.27	167	658056	20.669 ng/ul	99
76) Di-n-butylphthalate	17.86	149	756851	19.848 ng/ul	100
77) Fluoranthene	18.93	202	839757	20.870 ng/ul	99
80) Pyrene	19.29	202	887447	19.075 ng/ul	97
81) Butylbenzylphthalate	20.23	149	341382	20.730 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	284048	23.406 ng/ul	98
83) Benzo(a)anthracene	21.06	228	879573	19.256 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	520474	20.389 ng/ul	99
85) Chrysene	21.10	228	869819	19.158 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	882402	20.421 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	933971	20.083 ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	866939	18.664 ng/ul	98
91) Benzo(a)pyrene	23.10	252	799492	19.535 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.26	276	1028565	19.365 ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	864459	19.219 ng/ul	98
94) Benzo(g,h,i)perylene	25.89	276	818301	18.457 ng/ul	96

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

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