Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026152.D
Acq On : 28 May 2020 10:25
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02081

Quant Time: May 28 11:13:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	150352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	617043	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	359503	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	777808	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	840639	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	871013	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	28993	5.82	ng/uL	0.00
5) Phenol-d5	6.68	99	248020	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	169746	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	186497	17.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	188067	18.30	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	88721	17.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	91316	18.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	179262	17.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	229896	22.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	499600	17.33	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	609179	17.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	83692	16.39	ng/ul	0.00
58) Fluorene-d10	15.13	176	438744	17.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	71809	15.83	ng/ul	0.00
71) Anthracene-d10	16.97	188	670448	17.49	ng/ul	0.00
79) Pyrene-d10	19.27	212	745473	17.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	811132	17.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	34348	6.632	ng/uL	92
4) Benzaldehyde	6.63	77	173329	19.529	ng/ul	97
6) Phenol	6.70	94	276432	18.080	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	211426	17.972	ng/ul	99
10) 2-Chlorophenol	7.05	128	204654	17.588	ng/ul	98
11) 2-Methylphenol	7.93	108	190361	18.070	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.02	45	380980	17.842	ng/ul	98
14) Acetophenone	8.30	105	316450	18.351	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	177009	17.419	ng/ul	94
16) 4-Methylphenol	8.26	108	211404	18.452	ng/ul	100
17) Hexachloroethane	8.54	117	83726	16.772	ng/ul	97
20) Nitrobenzene	8.66	77	262708	17.004	ng/ul	99
21) Isophorone	9.19	82	428852	16.689	ng/ul	99
23) 2-Nitrophenol	9.37	139	105688	18.272	ng/ul	93
24) 2,4-Dimethylphenol	9.45	107	233789	16.919	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	273087	16.850	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	185704	17.921	ng/ul	100
28) Naphthalene	10.29	128	644064	17.072	ng/ul	98
30) 4-Chloroaniline	10.41	127	237640	22.450	ng/ul	99
31) Hexachlorobutadiene	10.59	225	122488	17.617	ng/ul	97
32) Caprolactam	11.18	113	52071	18.068	ng/ul	92
33) 4-Chloro-3-methylphenol	11.55	107	209501	17.457	ng/ul	94
34) 2-Methylnaphthalene	11.92	142	437730	17.250	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	406456	17.265 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	229506	17.811 ng/ul	99
38) Hexachlorocyclopentadiene	12.28	237	113222	15.242 ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	139918	18.665 ng/ul	98
40) 2,4,5-Trichlorophenol	12.62	196	153223	18.522 ng/ul	97
41) 1,1'-Biphenyl	12.95	154	556834	17.456 ng/ul	98
42) 2-Chloronaphthalene	12.99	162	428375	17.402 ng/ul	99
43) 2-Nitroaniline	13.20	65	146906	17.706 ng/ul	96
45) Dimethylphthalate	13.60	163	522488	17.262 ng/ul	100
46) 2,6-Dinitrotoluene	13.71	165	103131	18.569 ng/ul	98
48) Acenaphthylene	13.84	152	662990	17.681 ng/ul	99
49) 3-Nitroaniline	14.04	138	104095	21.058 ng/ul	96
50) Acenaphthene	14.19	153	461186	17.440 ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	40391	13.230 ng/ul	98
53) 4-Nitrophenol	14.36	109	75316	16.578 ng/ul	98
54) Dibenzofuran	14.53	168	649747	17.483 ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	152863	18.572 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.76	232	129796	18.658 ng/ul#	98
57) Diethylphthalate	14.97	149	521437	17.422 ng/ul	99
59) Fluorene	15.18	166	532102	17.699 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	265832	17.719 ng/ul	98
61) 4-Nitroaniline	15.20	138	117028	18.951 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	77080	16.144 ng/ul	91
65) N-Nitrosodiphenylamine	15.40	169	452372	17.354 ng/ul	98
66) 4-Bromophenyl-phenylether	16.08	248	161879	17.872 ng/ul	96
67) Hexachlorobenzene	16.19	284	179844	17.659 ng/ul	98
68) Atrazine	16.37	200	152535	17.868 ng/ul	99
69) Pentachlorophenol	16.54	266	89193	15.902 ng/ul	96
70) Phenanthrene	16.92	178	834946	17.042 ng/ul	99
72) Anthracene	17.01	178	856009	17.414 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	226105	17.403 ng/uL	98
74) Pentachlorobenzene	14.45	250	214314	17.388 ng/uL	99
75) Carbazole	17.28	167	760410	18.699 ng/ul	99
76) Di-n-butylphthalate	17.87	149	851053	17.474 ng/ul	99
77) Fluoranthene	18.94	202	965549	18.787 ng/ul	100
80) Pyrene	19.30	202	1013458	17.173 ng/ul	97
81) Butylbenzylphthalate	20.23	149	372019	17.809 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	297346	19.315 ng/ul	99
83) Benzo(a)anthracene	21.06	228	1005703	17.357 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	560858	17.321 ng/ul	98
85) Chrysene	21.12	228	986668	17.132 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	950418	17.362 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1035346	17.573 ng/ul	98
89) Benzo(k)fluoranthene	22.61	252	997784	16.956 ng/ul	99
91) Benzo(a)pyrene	23.10	252	903763	17.431 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1123234	16.692 ng/ul	98
93) Dibenzo(a,h)anthracene	25.29	278	947606	16.630 ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	899461	16.014 ng/ul	98

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

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