Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026137.D
Acq On : 27 May 2020 09:55
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02079

Quant Time: May 27 10:32:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 27 10:30:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	145224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	607036	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	359153	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	783813	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	836491	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	865136	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27970	5.81	ng/uL	0.00
5) Phenol-d5	6.68	99	244226	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	162126	17.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	181587	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	186713	18.81	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	89667	18.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	91710	18.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	178833	18.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	229549	23.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	502145	17.43	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	613157	17.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	88447	17.34	ng/ul	0.00
58) Fluorene-d10	15.13	176	442870	17.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	74703	16.35	ng/ul	0.00
71) Anthracene-d10	16.97	188	678247	17.56	ng/ul	0.00
79) Pyrene-d10	19.27	212	757042	17.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	818810	17.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	30252	6.048	ng/uL	95
4) Benzaldehyde	6.64	77	165676	19.326	ng/ul	93
6) Phenol	6.70	94	270131	18.291	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	205193	18.058	ng/ul	97
10) 2-Chlorophenol	7.05	128	198110	17.626	ng/ul	98
11) 2-Methylphenol	7.93	108	189127	18.587	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.02	45	365921	17.741	ng/ul	99
14) Acetophenone	8.30	105	311643	18.710	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.29	70	169345	17.253	ng/ul	92
16) 4-Methylphenol	8.26	108	209935	18.971	ng/ul	98
17) Hexachloroethane	8.55	117	81025	16.804	ng/ul	93
20) Nitrobenzene	8.67	77	253169	16.657	ng/ul	97
21) Isophorone	9.20	82	427447	16.909	ng/ul	98
23) 2-Nitrophenol	9.37	139	106580	18.730	ng/ul	91
24) 2,4-Dimethylphenol	9.45	107	234046	17.217	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	268319	16.828	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	182287	17.882	ng/ul	99
28) Naphthalene	10.29	128	633080	17.057	ng/ul	100
30) 4-Chloroaniline	10.41	127	237197	22.777	ng/ul	99
31) Hexachlorobutadiene	10.59	225	118895	17.383	ng/ul	98
32) Caprolactam	11.19	113	52203	18.412	ng/ul	99
33) 4-Chloro-3-methylphenol	11.55	107	211703	17.931	ng/ul	96
34) 2-Methylnaphthalene	11.92	142	438334	17.559	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	404805	17.478 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	228976	17.787 ng/ul	98
38) Hexachlorocyclopentadiene	12.28	237	109186	14.713 ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	140837	18.806 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	152771	18.486 ng/ul	98
41) 1,1'-Biphenyl	12.95	154	553715	17.375 ng/ul	99
42) 2-Chloronaphthalene	12.99	162	426142	17.328 ng/ul	98
43) 2-Nitroaniline	13.20	65	148102	17.868 ng/ul	94
45) Dimethylphthalate	13.60	163	524191	17.335 ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	104197	18.780 ng/ul	92
48) Acenaphthylene	13.84	152	660451	17.630 ng/ul	100
49) 3-Nitroaniline	14.04	138	106482	21.561 ng/ul	94
50) Acenaphthene	14.19	153	460507	17.431 ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	46010	15.086 ng/ul	94
53) 4-Nitrophenol	14.37	109	77463	17.067 ng/ul	94
54) Dibenzofuran	14.53	168	645940	17.398 ng/ul	98
55) 2,4-Dinitrotoluene	14.51	165	153439	18.660 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.77	232	131879	18.975 ng/ul	97
57) Diethylphthalate	14.98	149	519248	17.366 ng/ul	99
59) Fluorene	15.19	166	531893	17.710 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.19	204	264122	17.622 ng/ul	98
61) 4-Nitroaniline	15.21	138	122629	19.877 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.27	198	79996	16.626 ng/ul	95
65) N-Nitrosodiphenylamine	15.40	169	453945	17.280 ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	161898	17.737 ng/ul	99
67) Hexachlorobenzene	16.19	284	177917	17.336 ng/ul	98
68) Atrazine	16.37	200	154251	17.931 ng/ul	98
69) Pentachlorophenol	16.54	266	93950	16.622 ng/ul	97
70) Phenanthrene	16.92	178	839273	16.999 ng/ul	100
72) Anthracene	17.01	178	856330	17.287 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	224241	17.128 ng/uL	98
74) Pentachlorobenzene	14.46	250	214750	17.290 ng/uL	99
75) Carbazole	17.29	167	765678	18.684 ng/ul	99
76) Di-n-butylphthalate	17.87	149	866352	17.652 ng/ul	99
77) Fluoranthene	18.94	202	979145	18.906 ng/ul	99
80) Pyrene	19.30	202	1028061	17.507 ng/ul	99
81) Butylbenzylphthalate	20.24	149	394713	18.989 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.00	252	320387	20.915 ng/ul	99
83) Benzo(a)anthracene	21.06	228	1013060	17.571 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	584042	18.126 ng/ul	99
85) Chrysene	21.12	228	983049	17.154 ng/ul	99
87) Di-n-octyl phthalate	21.88	149	984923	18.114 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1019979	17.430 ng/ul	98
89) Benzo(k)fluoranthene	22.61	252	1019840	17.448 ng/ul	98
91) Benzo(a)pyrene	23.10	252	903131	17.537 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.28	276	1130412	16.913 ng/ul	99
93) Dibenzo(a,h)anthracene	25.29	278	956877	16.907 ng/ul	98
94) Benzo(g,h,i)perylene	25.91	276	908127	16.278 ng/ul	98

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

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