Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051320\
Data File : BM025980.D
Acq On : 13 May 2020 14:12
Operator : MA/SJ
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16051

Quant Time: May 13 14:44:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 13 13:00:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	133586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	544850	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	316839	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	670480	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	681199	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	712386	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	238004	74.75	ng/uL	0.00
5) Phenol-d5	6.70	99	1977421	187.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	1316535	218.77	ng/ul	0.01
9) 2-Chlorophenol-d4	7.05	132	1490406	174.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	1486959	171.65	ng/ul	0.02
19) Nitrobenzene-d5	8.66	128	720787	177.99	ng/ul	0.01
22) 2-Nitrophenol-d4	9.38	143	784757	182.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	1371685	155.80	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	1356356	132.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	3699727	153.64	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	4564258	158.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	773031	168.61	ng/ul	0.03
58) Fluorene-d10	15.16	176	3175804	150.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	726513	177.60	ng/ul	0.02
71) Anthracene-d10	17.00	188	4850962	154.90	ng/ul	0.00
79) Pyrene-d10	19.30	212	5289453	161.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	5672503	155.53	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	259019	75.547	ng/uL	93
4) Benzaldehyde	6.66	77	978312	175.200	ng/ul	96
6) Phenol	6.73	94	2186147	198.565	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.95	93	1641726	188.299	ng/ul	99
10) 2-Chlorophenol	7.09	128	1580237	175.439	ng/ul	95
11) 2-Methylphenol	7.96	108	1533113	181.989	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.05	45	2878838	247.467	ng/ul	99
14) Acetophenone	8.33	105	2421678	181.234	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.35	70	1365906	204.048	ng/ul	94
16) 4-Methylphenol	8.30	108	1628897	177.122	ng/ul	100
17) Hexachloroethane	8.58	117	660787	176.463	ng/ul	96
20) Nitrobenzene	8.70	77	2004653	203.191	ng/ul	95
21) Isophorone	9.23	82	3523805	193.412	ng/ul	100
23) 2-Nitrophenol	9.40	139	854612	176.754	ng/ul	93
24) 2,4-Dimethylphenol	9.48	107	1804893	184.085	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.71	93	2079398	178.075	ng/ul	100
27) 2,4-Dichlorophenol	9.93	162	1401185	160.414	ng/ul	98
28) Naphthalene	10.33	128	4738453	159.689	ng/ul	100
30) 4-Chloroaniline	10.44	127	1418931	136.794	ng/ul	99
31) Hexachlorobutadiene	10.62	225	884287	154.958	ng/ul	98
32) Caprolactam	11.25	113	266775	92.357	ng/ul	93
33) 4-Chloro-3-methylphenol	11.59	107	1657650	182.554	ng/ul	97
34) 2-Methylnaphthalene	11.95	142	3212136	151.556	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	2978052	140.902 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	1635878	163.245 ng/ul	100
38) Hexachlorocyclopentadiene	12.31	237	1155778	169.003 ng/ul	98
39) 2,4,6-Trichlorophenol	12.57	196	1085385	170.369 ng/ul	99
40) 2,4,5-Trichlorophenol	12.65	196	1167452	168.349 ng/ul	98
41) 1,1'-Biphenyl	12.99	154	4018313	158.725 ng/ul	99
42) 2-Chloronaphthalene	13.02	162	3148048	157.881 ng/ul	98
43) 2-Nitroaniline	13.23	65	1239032	248.634 ng/ul	96
45) Dimethylphthalate	13.63	163	3864581	154.177 ng/ul	99
46) 2,6-Dinitrotoluene	13.75	165	860065	174.454 ng/ul	95
48) Acenaphthylene	13.87	152	4863801	155.663 ng/ul	99
49) 3-Nitroaniline	14.07	138	697666	156.858 ng/ul	95
50) Acenaphthene	14.22	153	3288877	154.840 ng/ul	98
51) 2,4-Dinitrophenol	14.28	184	566266	191.456 ng/ul	90
53) 4-Nitrophenol	14.40	109	643068	179.441 ng/ul	95
54) Dibenzofuran	14.56	168	4590295	152.340 ng/ul	99
55) 2,4-Dinitrotoluene	14.54	165	1212517	168.221 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.80	232	1001212	159.292 ng/ul	98
57) Diethylphthalate	15.01	149	3933896	153.118 ng/ul	99
59) Fluorene	15.22	166	3742614	147.663 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.22	204	1882570	145.124 ng/ul	96
61) 4-Nitroaniline	15.25	138	894458	169.006 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.32	198	745639	166.679 ng/ul#	87
65) N-Nitrosodiphenylamine	15.43	169	3230989	155.944 ng/ul	98
66) 4-Bromophenyl-phenylether	16.11	248	1154519	139.628 ng/ul	97
67) Hexachlorobenzene	16.22	284	1260058	124.115 ng/ul	99
68) Atrazine	16.40	200	1190006	152.288 ng/ul	99
69) Pentachlorophenol	16.56	266	859174	144.900 ng/ul	98
70) Phenanthrene	16.95	178	5851699	148.274 ng/ul	99
72) Anthracene	17.04	178	5986420	148.839 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	1621206	157.797 ng/uL	99
74) Pentachlorobenzene	14.49	250	1517164	132.662 ng/uL	99
75) Carbazole	17.31	167	5407455	153.840 ng/ul	99
76) Di-n-butylphthalate	17.90	149	6745517	164.366 ng/ul	99
77) Fluoranthene	18.97	202	6712326	144.291 ng/ul	97
80) Pyrene	19.34	202	6870250	150.169 ng/ul	100
81) Butylbenzylphthalate	20.26	149	3120008	179.061 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.03	252	1992048	128.699 ng/ul	98
83) Benzo(a)anthracene	21.09	228	6605062	147.070 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	4661737	172.478 ng/ul	97
85) Chrysene	21.14	228	6375647	144.692 ng/ul	98
87) Di-n-octyl phthalate	21.90	149	7843154	183.737 ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	6864061	154.426 ng/ul	99
89) Benzo(k)fluoranthene	22.65	252	6819147	155.735 ng/ul	98
91) Benzo(a)pyrene	23.15	252	6130360	151.554 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.35	276	7935523	148.550 ng/ul	96
93) Dibenzo(a,h)anthracene	25.36	278	6712049	148.380 ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	6597243	149.846 ng/ul	100

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

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