Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052621\
Data File : BM030171.D
Acq On : 26 May 2021 14:53
Operator : CG/JU
Sample : SSTD16011
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160011

Quant Time: May 26 15:22:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 13:53:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	254661	20.00	ng/ul	0.00
20) Naphthalene-d8	10.68	136	1074018	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	682273	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.24	188	1242189	20.00	ng/ul	0.00
79) Chrysene-d12	21.40	240	1053130	20.00	ng/ul	0.00
88) Perylene-d12	23.69	264	999230	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	376570	59.05	ng/uL	0.00
4) Pyridine-d5	3.75	84	2904822	181.94	ng/ul	0.00
7) Phenol-d5	7.05	99	3731362	157.56	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	7.22	67	2200125	149.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.42	132	2946830	161.22	ng/ul	0.01
15) 4-Methylphenol-d8	8.59	113	2958717	151.06	ng/ul	0.02
21) Nitrobenzene-d5	9.05	128	1374632	185.73	ng/ul	0.01
24) 2-Nitrophenol-d4	9.76	143	1485944	177.88	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.30	165	3124884	186.55	ng/ul	0.02
31) 4-Chloroaniline-d4	10.82	131	4063115	159.39	ng/ul	0.01
46) Dimethylphthalate-d6	13.92	166	8121335	153.57	ng/ul	0.01
49) Acenaphthylene-d8	14.20	160	10571950	157.75	ng/ul	0.01
54) 4-Nitrophenol-d4	14.72	143	1433245	166.40	ng/ul	0.04
60) Fluorene-d10	15.50	176	7113832	158.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.63	200	1251884	155.16	ng/ul	0.02
73) Anthracene-d10	17.34	188	9817424	156.95	ng/ul	0.01
81) Pyrene-d10	19.63	212	9544939	176.68	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.56	264	9285925	163.94	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	403610	58.487	ng/uL#	94
5) Pyridine	3.77	79	2922218	178.444	ng/ul	98
6) Benzaldehyde	7.02	77	769392	62.937	ng/ul	99
8) Phenol	7.08	94	3749091	155.058	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.31	93	2856326	149.406	ng/ul	98
12) 2-Chlorophenol	7.45	128	2967792	159.210	ng/ul	98
13) 2-Methylphenol	8.32	108	2843550	155.220	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.42	45	4564157	158.492	ng/ul	99
16) Acetophenone	8.72	105	4632513	147.390	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.72	70	2472948	153.779	ng/ul	95
18) 4-Methylphenol	8.67	108	3045438	149.958	ng/ul	100
19) Hexachloroethane	8.96	117	1231355	156.351	ng/ul	96
22) Nitrobenzene	9.09	77	3392278	175.894	ng/ul	97
23) Isophorone	9.63	82	6450927	158.139	ng/ul	98
25) 2-Nitrophenol	9.80	139	1600297	176.449	ng/ul	99
26) 2,4-Dimethylphenol	9.86	107	3365483	164.454	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.09	93	3894824	163.013	ng/ul	99
29) 2,4-Dichlorophenol	10.33	162	2975425	180.873	ng/ul	99
30) Naphthalene	10.73	128	9181011	154.006	ng/ul	97
32) 4-Chloroaniline	10.84	127	4197976	159.851	ng/ul	99
33) Hexachlorobutadiene	11.02	225	1915342	173.654	ng/ul	99
34) Caprolactam	11.66	113	467047	80.000	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.96	107	2970034	163.147 ng/ul	99
36) 2-Methylnaphthalene	12.34	142	7005899	162.007 ng/ul	99
37) 1-Methylnaphthalene	12.56	142	6786585	158.357 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	3907087	185.319 ng/ul	98
40) Hexachlorocyclopentadiene	12.69	237	2844580	259.742 ng/ul	98
41) 2,4,6-Trichlorophenol	12.94	196	2343807	182.304 ng/ul	96
42) 2,4,5-Trichlorophenol	13.02	196	2527973	185.789 ng/ul	99
43) 1,1'-Biphenyl	13.35	154	8561708	161.428 ng/ul	94
44) 2-Chloronaphthalene	13.39	162	6744066	165.692 ng/ul	95
45) 2-Nitroaniline	13.59	65	1983494	192.804 ng/ul	95
47) Dimethylphthalate	13.97	163	7912572	149.424 ng/ul	99
48) 2,6-Dinitrotoluene	14.09	165	1700976	178.937 ng/ul	92
50) Acenaphthylene	14.23	152	10065770	155.298 ng/ul	94
51) 3-Nitroaniline	14.42	138	1490611	139.585 ng/ul#	95
52) Acenaphthene	14.57	153	7277261	158.865 ng/ul	98
53) 2,4-Dinitrophenol	14.62	184	903601	139.709 ng/ul	99
55) 4-Nitrophenol	14.73	109	1074881	162.301 ng/ul	96
56) Dibenzofuran	14.91	168	9556267	152.315 ng/ul	92
57) 2,4-Dinitrotoluene	14.87	165	2283679	162.347 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.13	232	2124126	163.938 ng/ul	99
59) Diethylphthalate	15.33	149	7853048	142.189 ng/ul	95
61) Fluorene	15.56	166	8245034	153.721 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	4418249	167.639 ng/ul	99
63) 4-Nitroaniline	15.59	138	1273795	120.333 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.64	198	1256799	158.272 ng/ul#	98
67) N-Nitrosodiphenylamine	15.76	169	7055222	174.841 ng/ul	97
68) 4-Bromophenyl-phenylether	16.43	248	2643225	191.169 ng/ul	98
69) Hexachlorobenzene	16.55	284	2888386	175.912 ng/ul	98
70) Atrazine	16.72	200	2391918	160.662 ng/ul	100
71) Pentachlorophenol	16.89	266	1664892	176.960 ng/ul	99
72) Phenanthrene	17.29	178	10976992	149.868 ng/ul#	92
74) Anthracene	17.38	178	11149007	148.889 ng/ul#	89
75) 1,2,3,4-Tetrachlorobenzene	13.31	216	3931162	200.068 ng/uL	98
76) Pentachlorobenzene	14.83	250	3622143	193.299 ng/uL	98
77) Carbazole	17.64	167	9917094	144.543 ng/ul	94
78) Di-n-butylphthalate	18.20	149	10951946	134.486 ng/ul#	95
80) Fluoranthene	19.29	202	11135559	169.360 ng/ul	97
82) Pyrene	19.66	202	11052905	159.738 ng/ul#	92
83) Butylbenzylphthalate	20.54	149	4714727	191.733 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.32	252	2775770	115.854 ng/ul	99
85) Benzo(a)anthracene	21.39	228	10018593	145.809 ng/ul	90
86) Bis(2-ethylhexyl)phthalate	21.31	149	6779389	159.896 ng/ul#	93
87) Chrysene	21.44	228	9585620	140.068 ng/ul#	89
89) Di-n-octyl phthalate	22.20	149	10258265	134.157 ng/ul	100
90) Benzo(b)fluoranthene	23.01	252	10266119	158.390 ng/ul	97
91) Benzo(k)fluoranthene	23.06	252	10223351	150.030 ng/ul	95
93) Benzo(a)pyrene	23.61	252	9386930	159.463 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.07	276	12858889	180.480 ng/ul	96
95) Dibenzo(a,h)anthracene	26.07	278	10678596	176.815 ng/ul	98
96) Benzo(g,h,i)perylene	26.79	276	10539191	182.570 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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