Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070621\
Data File : BM030815.D
Acq On : 06 Jul 2021 10:52
Operator : CG/JU
Sample : SSTD00502
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD005102

Quant Time: Jul 06 13:32:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 13:25:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	77908	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	321528	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	204764	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	414810	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	369368	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	350169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	3814	1.98	ng/uL	0.00
4) Pyridine-d5	3.70	84	12214	2.37	ng/ul	0.02
7) Phenol-d5	6.93	99	26605	3.96	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	18652	4.42	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	22240	4.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	20389	3.90	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	9737	4.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	10003	3.75	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	20803	4.07	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	27934	3.92	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	63645	4.50	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	75822	4.13	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	5984	2.23	ng/ul	0.01
60) Fluorene-d10	15.39	176	55928	4.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	6887	2.54	ng/ul	0.00
73) Anthracene-d10	17.23	188	87486	4.52	ng/ul	0.00
81) Pyrene-d10	19.52	212	91391	4.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	79460	4.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	3799	1.859	ng/uL	92
5) Pyridine	3.72	79	20645	3.715	ng/ul	92
6) Benzaldehyde	6.92	77	14273	4.369	ng/ul	94
8) Phenol	6.96	94	27613	4.064	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.20	93	22924	4.281	ng/ul	98
12) 2-Chlorophenol	7.33	128	22620	4.328	ng/ul	97
13) 2-Methylphenol	8.21	108	19508	3.962	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.30	45	39756	4.684	ng/ul	100
16) Acetophenone	8.59	105	33722	4.176	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	17536	4.391	ng/ul	92
18) 4-Methylphenol	8.53	108	21771	4.061	ng/ul	94
19) Hexachloroethane	8.84	117	9430	4.306	ng/ul	94
22) Nitrobenzene	8.96	77	25937	4.285	ng/ul	98
23) Isophorone	9.49	82	45280	4.320	ng/ul	99
25) 2-Nitrophenol	9.67	139	10818	3.821	ng/ul	99
26) 2,4-Dimethylphenol	9.73	107	25315	4.424	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	30173	4.425	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	20646	4.219	ng/ul	97
30) Naphthalene	10.60	128	72972	4.483	ng/ul	100
32) 4-Chloroaniline	10.72	127	27204	3.847	ng/ul	96
33) Hexachlorobutadiene	10.88	225	14996	4.532	ng/ul	96
34) Caprolactam	11.51	113	1559	1.098	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.84	107	20427	4.251 ng/ul	95
36) 2-Methylnaphthalene	12.21	142	50909	4.481 ng/ul	100
37) 1-Methylnaphthalene	12.43	142	52269	4.546 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	27327	4.278 ng/ul	97
40) Hexachlorocyclopentadiene	12.56	237	10855	2.604 ng/ul	97
41) 2,4,6-Trichlorophenol	12.83	196	16115	4.005 ng/ul	94
42) 2,4,5-Trichlorophenol	12.90	196	16837	3.921 ng/ul	96
43) 1,1'-Biphenyl	13.23	154	65632	4.343 ng/ul	98
44) 2-Chloronaphthalene	13.27	162	51720	4.353 ng/ul	99
45) 2-Nitroaniline	13.49	65	12240	3.833 ng/ul	97
47) Dimethylphthalate	13.86	163	62936	4.543 ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	10479	3.926 ng/ul	95
50) Acenaphthylene	14.12	152	71893	4.223 ng/ul	97
51) 3-Nitroaniline	14.32	138	8425	2.963 ng/ul	98
52) Acenaphthene	14.46	153	55386	4.483 ng/ul	98
53) 2,4-Dinitrophenol	14.53	184	2882	1.642 ng/ul	95
55) 4-Nitrophenol	14.62	109	4146	1.935 ng/ul	93
56) Dibenzofuran	14.80	168	78902	4.581 ng/ul	98
57) 2,4-Dinitrotoluene	14.77	165	14546	3.892 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.03	232	14252	4.100 ng/ul	98
59) Diethylphthalate	15.22	149	62958	4.731 ng/ul	97
61) Fluorene	15.44	166	64120	4.517 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	31829	4.503 ng/ul	99
63) 4-Nitroaniline	15.47	138	8481	3.132 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.53	198	6740	2.552 ng/ul#	78
67) N-Nitrosodiphenylamine	15.65	169	51707	4.182 ng/ul	97
68) 4-Bromophenyl-phenylether	16.33	248	18784	4.438 ng/ul	98
69) Hexachlorobenzene	16.44	284	21380	4.367 ng/ul	98
70) Atrazine	16.60	200	17800	4.059 ng/ul	99
71) Pentachlorophenol	16.80	266	9477	3.089 ng/ul	91
72) Phenanthrene	17.17	178	100360	4.505 ng/ul	99
74) Anthracene	17.27	178	100518	4.413 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	26924	4.069 ng/uL	97
76) Pentachlorobenzene	14.72	250	26929	4.273 ng/uL	98
77) Carbazole	17.54	167	83832	4.105 ng/ul	99
78) Di-n-butylphthalate	18.10	149	103898	4.992 ng/ul	99
80) Fluoranthene	19.19	202	111190	4.704 ng/ul	99
82) Pyrene	19.55	202	117606	4.735 ng/ul	98
83) Butylbenzylphthalate	20.44	149	38517	4.711 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.23	252	29476	4.048 ng/ul	98
85) Benzo(a)anthracene	21.29	228	105914	4.621 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	56429	4.799 ng/ul	97
87) Chrysene	21.34	228	107730	4.821 ng/ul	98
89) Di-n-octyl phthalate	22.09	149	84240	4.182 ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	103245	4.644 ng/ul	98
91) Benzo(k)fluoranthene	22.92	252	100962	4.726 ng/ul	99
93) Benzo(a)pyrene	23.46	252	87756	4.390 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.83	276	104677	4.160 ng/ul	98
95) Dibenzo(a,h)anthracene	25.84	278	87401	4.189 ng/ul	98
96) Benzo(g,h,i)perylene	26.53	276	86432	4.117 ng/ul	99

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

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