Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031721\
Data File : BM029157.D
Acq On : 17 Mar 2021 15:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Mar 17 16:01:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 15:12:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	6770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	25984	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	15330	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	30703	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	33729	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	35974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	1275	8.48	ng/uL	0.07
5) Phenol-d5	6.78	99	9391	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	5486	19.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	8655	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	7406	18.82	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	3640	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	4098	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	7654	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	10057	22.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	21408	20.31	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	27248	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	2944	16.06	ng/ul	0.00
58) Fluorene-d10	15.24	176	17635	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	3187	17.41	ng/ul	0.00
71) Anthracene-d10	17.09	188	27464	19.68	ng/ul	0.00
79) Pyrene-d10	19.39	212	30137	18.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	36060	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	1330	8.777	ng/uL#	89
4) Benzaldehyde	6.73	77	6015	24.738	ng/ul	99
6) Phenol	6.80	94	9806	19.311	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.01	93	7825	19.885	ng/ul	98
10) 2-Chlorophenol	7.14	128	8684	19.424	ng/ul	94
11) 2-Methylphenol	8.05	108	7268	18.964	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.10	45	14053	23.098	ng/ul#	91
14) Acetophenone	8.40	105	12483	19.474	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.39	70	5767	20.332	ng/ul	88
16) 4-Methylphenol	8.38	108	7899	19.373	ng/ul	96
17) Hexachloroethane	8.62	117	3828	20.028	ng/ul	87
20) Nitrobenzene	8.79	77	9185	20.931	ng/ul	95
21) Isophorone	9.30	82	15011	20.262	ng/ul	98
23) 2-Nitrophenol	9.49	139	4678	19.906	ng/ul	95
24) 2,4-Dimethylphenol	9.56	107	9249	20.457	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	9405	19.405	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	8171	21.114	ng/ul	94
28) Naphthalene	10.40	128	26043	19.646	ng/ul	97
30) 4-Chloroaniline	10.54	127	10036	22.469	ng/ul	100
31) Hexachlorobutadiene	10.67	225	5076	20.115	ng/ul	91
32) Caprolactam	11.34	113	1809	17.474	ng/ul	89
33) 4-Chloro-3-methylphenol	11.70	107	7795	19.987	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	17756	19.598	ng/ul	99

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35) 1-Methylnaphthalene	12.25	142	17335	19.876 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	9223	19.315 ng/ul	97
38) Hexachlorocyclopentadiene	12.36	237	3172	17.186 ng/ul	94
39) 2,4,6-Trichlorophenol	12.67	196	5653	18.734 ng/ul	95
40) 2,4,5-Trichlorophenol	12.76	196	5934	18.446 ng/ul	96
41) 1,1'-Biphenyl	13.06	154	22569	18.884 ng/ul	97
42) 2-Chloronaphthalene	13.10	162	17852	18.944 ng/ul	96
43) 2-Nitroaniline	13.34	65	5008	20.519 ng/ul	97
45) Dimethylphthalate	13.72	163	22380	20.359 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	4323	19.969 ng/ul	93
48) Acenaphthylene	13.96	152	25994	19.373 ng/ul	98
49) 3-Nitroaniline	14.19	138	4348	20.643 ng/ul	98
50) Acenaphthene	14.30	153	18615	19.168 ng/ul	97
51) 2,4-Dinitrophenol	14.42	184	2837	23.355 ng/ul#	75
53) 4-Nitrophenol	14.54	109	4121	25.321 ng/ul	82
54) Dibenzofuran	14.64	168	26193	19.480 ng/ul	97
55) 2,4-Dinitrotoluene	14.66	165	6664	21.202 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.89	232	4833	19.412 ng/ul#	92
57) Diethylphthalate	15.09	149	22876	20.584 ng/ul	98
59) Fluorene	15.30	166	21586	19.578 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.30	204	10689	19.640 ng/ul	93
61) 4-Nitroaniline	15.36	138	4243	19.552 ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.43	198	3246	17.474 ng/ul#	96
65) N-Nitrosodiphenylamine	15.52	169	18199	19.295 ng/ul	94
66) 4-Bromophenyl-phenylether	16.19	248	5948	19.034 ng/ul	97
67) Hexachlorobenzene	16.30	284	6709	19.117 ng/ul#	94
68) Atrazine	16.48	200	6657	20.059 ng/ul	90
69) Pentachlorophenol	16.66	266	3648	19.357 ng/ul	96
70) Phenanthrene	17.04	178	32655	19.403 ng/ul	99
72) Anthracene	17.13	178	33827	19.504 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	9228	19.156 ng/uL	98
74) Pentachlorobenzene	14.56	250	8794	19.819 ng/uL	92
75) Carbazole	17.42	167	30490	19.903 ng/ul	99
76) Di-n-butylphthalate	17.97	149	38480	20.894 ng/ul	99
77) Fluoranthene	19.06	202	36970	20.147 ng/ul	98
80) Pyrene	19.42	202	39046	17.672 ng/ul	99
81) Butylbenzylphthalate	20.33	149	18293	19.094 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.11	252	15203	22.350 ng/ul	99
83) Benzo(a)anthracene	21.17	228	41068	19.483 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	28596	19.981 ng/ul	96
85) Chrysene	21.22	228	39539	19.336 ng/ul	100
87) Di-n-octyl phthalate	21.95	149	51806	18.973 ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	42266	18.081 ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	42764	19.604 ng/ul	99
91) Benzo(a)pyrene	23.22	252	38433	18.929 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	50943	19.848 ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	42981	19.620 ng/ul	99
94) Benzo(g,h,i)perylene	26.06	276	42057	19.617 ng/ul	96

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

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