Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
Data File : BM028911.D
Acq On : 25 Feb 2021 23:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Feb 26 00:25:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 25 23:08:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	14287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	56340	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	31581	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	57068	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	46725	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	45095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	2916	9.72	ng/uL	0.00
5) Phenol-d5	6.98	99	25879	23.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	15454	25.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	24135	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	21770	23.84	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	10885	27.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	12013	26.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	22306	25.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	25299	24.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	56137	24.66	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	74389	25.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.70	143	8632	21.90	ng/ul	0.00
58) Fluorene-d10	15.45	176	49520	25.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	8171	23.41	ng/ul	0.00
71) Anthracene-d10	17.30	188	68055	26.18	ng/ul	0.00
79) Pyrene-d10	19.59	212	64033	27.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	61456	26.44	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	3042	9.828	ng/uL	99
4) Benzaldehyde	6.95	77	8379	16.187	ng/ul	100
6) Phenol	7.01	94	26510	23.599	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.23	93	21386	24.544	ng/ul	92
10) 2-Chlorophenol	7.36	128	23576	24.316	ng/ul	97
11) 2-Methylphenol	8.26	108	19910	22.822	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	32967	24.721	ng/ul	96
14) Acetophenone	8.63	105	32990	22.587	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	15316	22.863	ng/ul	96
16) 4-Methylphenol	8.59	108	21874	23.067	ng/ul	97
17) Hexachloroethane	8.87	117	10022	24.788	ng/ul	98
20) Nitrobenzene	9.02	77	24143	25.811	ng/ul	99
21) Isophorone	9.54	82	42446	24.857	ng/ul	99
23) 2-Nitrophenol	9.73	139	12973	25.648	ng/ul	95
24) 2,4-Dimethylphenol	9.79	107	24493	24.663	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	27622	24.781	ng/ul	97
27) 2,4-Dichlorophenol	10.26	162	21642	25.123	ng/ul	98
28) Naphthalene	10.65	128	73070	25.417	ng/ul	98
30) 4-Chloroaniline	10.77	127	24426	23.447	ng/ul	99
31) Hexachlorobutadiene	10.92	225	13933	25.777	ng/ul	97
32) Caprolactam	11.57	113	5210	19.481	ng/ul	86
33) 4-Chloro-3-methylphenol	11.92	107	21414	24.007	ng/ul	95
34) 2-Methylnaphthalene	12.27	142	49966	24.073	ng/ul	97

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35) 1-Methylnaphthalene	12.49	142	58315	28.878 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	24987	26.734 ng/ul	98
38) Hexachlorocyclopentadiene	12.60	237	7580	19.461 ng/ul	97
39) 2,4,6-Trichlorophenol	12.89	196	15835	25.927 ng/ul	94
40) 2,4,5-Trichlorophenol	12.97	196	16857	25.627 ng/ul	96
41) 1,1'-Biphenyl	13.29	154	62857	26.072 ng/ul	99
42) 2-Chloronaphthalene	13.33	162	50443	26.930 ng/ul	99
43) 2-Nitroaniline	13.56	65	12558	25.550 ng/ul	99
45) Dimethylphthalate	13.92	163	58074	24.742 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	11604	24.700 ng/ul	99
48) Acenaphthylene	14.18	152	72235	26.262 ng/ul	98
49) 3-Nitroaniline	14.39	138	9853	21.753 ng/ul	98
50) Acenaphthene	14.52	153	51479	25.606 ng/ul	99
51) 2,4-Dinitrophenol	14.61	184	4841	17.849 ng/ul	97
53) 4-Nitrophenol	14.71	109	7318	22.679 ng/ul	94
54) Dibenzofuran	14.86	168	68967	24.748 ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	16094	23.651 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.09	232	12847	24.114 ng/ul#	98
57) Diethylphthalate	15.29	149	55939	22.895 ng/ul	97
59) Fluorene	15.51	166	56494	24.268 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	28084	24.584 ng/ul	99
61) 4-Nitroaniline	15.55	138	7097	13.746 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.62	198	8697	24.363 ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	46089	26.304 ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	15787	26.612 ng/ul	98
67) Hexachlorobenzene	16.51	284	17554	25.881 ng/ul	97
68) Atrazine	16.67	200	14974	23.127 ng/ul	96
69) Pentachlorophenol	16.86	266	8043	22.340 ng/ul	94
70) Phenanthrene	17.24	178	80622	25.529 ng/ul	100
72) Anthracene	17.33	178	83166	25.468 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	24112	28.898 ng/uL	96
74) Pentachlorobenzene	14.77	250	22278	27.869 ng/uL	97
75) Carbazole	17.61	167	67226	23.315 ng/ul	98
76) Di-n-butylphthalate	18.16	149	86088	22.594 ng/ul	100
77) Fluoranthene	19.25	202	82567	23.293 ng/ul	98
80) Pyrene	19.62	202	85663	27.212 ng/ul	97
81) Butylbenzylphthalate	20.50	149	35076	24.035 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.28	252	23717	25.670 ng/ul	95
83) Benzo(a)anthracene	21.34	228	75068	25.839 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	50332	22.307 ng/ul#	99
85) Chrysene	21.40	228	73137	26.016 ng/ul	100
87) Di-n-octyl phthalate	22.13	149	86536	20.440 ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	73001	24.684 ng/ul	98
89) Benzo(k)fluoranthene	22.95	252	73052	25.304 ng/ul	99
91) Benzo(a)pyrene	23.47	252	67735	26.563 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.79	276	81408	27.894 ng/ul	98
93) Dibenzo(a,h)anthracene	25.80	278	69351	27.833 ng/ul	99
94) Benzo(g,h,i)perylene	26.47	276	69098	29.192 ng/ul	97

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

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