Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028916.D
Acq On : 26 Feb 2021 12:35
Operator : CG/JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04006

Quant Time: Feb 26 13:05:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 12:32:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	14235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	57070	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	31316	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	58333	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	54073	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	53568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	4940	16.52	ng/uL	0.00
5) Phenol-d5	6.96	99	41605	38.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	23511	38.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	37070	39.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	33103	36.39	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	16608	41.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	18974	41.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	34222	39.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	42100	40.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	83165	36.84	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	115561	40.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	14712	37.63	ng/ul	0.00
58) Fluorene-d10	15.43	176	72492	38.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	14218	39.85	ng/ul	0.00
71) Anthracene-d10	17.28	188	106059	39.92	ng/ul	0.00
79) Pyrene-d10	19.57	212	105571	39.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	107005	38.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	5163	16.741	ng/uL	96
4) Benzaldehyde	6.92	77	24450	47.405	ng/ul	97
6) Phenol	6.99	94	42862	38.295	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.21	93	33232	38.279	ng/ul	99
10) 2-Chlorophenol	7.34	128	38494	39.847	ng/ul	98
11) 2-Methylphenol	8.24	108	32466	37.350	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	51030	38.405	ng/ul	98
14) Acetophenone	8.62	105	53766	36.945	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	24601	36.857	ng/ul	99
16) 4-Methylphenol	8.58	108	34540	36.556	ng/ul	94
17) Hexachloroethane	8.85	117	15992	39.698	ng/ul	93
20) Nitrobenzene	9.00	77	38802	40.952	ng/ul	96
21) Isophorone	9.52	82	63912	36.949	ng/ul	99
23) 2-Nitrophenol	9.70	139	21613	42.184	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	39531	39.297	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.00	93	41837	37.054	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	33486	38.375	ng/ul	97
28) Naphthalene	10.63	128	113001	38.804	ng/ul	98
30) 4-Chloroaniline	10.76	127	42229	40.018	ng/ul	97
31) Hexachlorobutadiene	10.90	225	21533	39.328	ng/ul	97
32) Caprolactam	11.56	113	9113	33.639	ng/ul	92
33) 4-Chloro-3-methylphenol	11.89	107	33658	37.252	ng/ul	100
34) 2-Methylnaphthalene	12.25	142	78518	37.344	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.47	142	75402	36.863 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	38668	41.722 ng/ul	97
38) Hexachlorocyclopentadiene	12.59	237	15272	39.541 ng/ul	98
39) 2,4,6-Trichlorophenol	12.87	196	25563	42.208 ng/ul	95
40) 2,4,5-Trichlorophenol	12.95	196	26976	41.357 ng/ul	96
41) 1,1'-Biphenyl	13.27	154	97038	40.590 ng/ul	100
42) 2-Chloronaphthalene	13.32	162	76190	41.020 ng/ul	99
43) 2-Nitroaniline	13.53	65	21032	43.153 ng/ul	98
45) Dimethylphthalate	13.90	163	87377	37.541 ng/ul	100
46) 2,6-Dinitrotoluene	14.04	165	18888	40.544 ng/ul	94
48) Acenaphthylene	14.16	152	109232	40.048 ng/ul	100
49) 3-Nitroaniline	14.37	138	18398	40.963 ng/ul	96
50) Acenaphthene	14.50	153	78241	39.248 ng/ul	98
51) 2,4-Dinitrophenol	14.59	184	9880	36.736 ng/ul	98
53) 4-Nitrophenol	14.69	109	13224	41.329 ng/ul	97
54) Dibenzofuran	14.84	168	107221	38.801 ng/ul	100
55) 2,4-Dinitrotoluene	14.83	165	25684	38.063 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.07	232	20456	38.722 ng/ul#	99
57) Diethylphthalate	15.27	149	86328	35.632 ng/ul	99
59) Fluorene	15.49	166	87381	37.854 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	42823	37.803 ng/ul	100
61) 4-Nitroaniline	15.53	138	18088	35.330 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.60	198	14554	39.887 ng/ul	97
65) N-Nitrosodiphenylamine	15.70	169	72939	40.726 ng/ul	96
66) 4-Bromophenyl-phenylether	16.37	248	24048	39.658 ng/ul	97
67) Hexachlorobenzene	16.49	284	27308	39.389 ng/ul	93
68) Atrazine	16.66	200	25258	38.165 ng/ul	96
69) Pentachlorophenol	16.84	266	14323	38.920 ng/ul	98
70) Phenanthrene	17.23	178	127836	39.601 ng/ul	99
72) Anthracene	17.32	178	132202	39.607 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	37894	44.431 ng/uL	97
74) Pentachlorobenzene	14.76	250	34542	42.274 ng/uL	98
75) Carbazole	17.59	167	114729	38.927 ng/ul	99
76) Di-n-butylphthalate	18.15	149	139404	35.794 ng/ul	100
77) Fluoranthene	19.23	202	136587	37.697 ng/ul	99
80) Pyrene	19.60	202	141400	38.813 ng/ul	99
81) Butylbenzylphthalate	20.49	149	61639	36.498 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.27	252	45267	42.336 ng/ul	99
83) Benzo(a)anthracene	21.33	228	131297	39.052 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	89552	34.296 ng/ul#	100
85) Chrysene	21.38	228	127128	39.076 ng/ul	99
87) Di-n-octyl phthalate	22.12	149	154630	30.747 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	133738	38.069 ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	124787	36.387 ng/ul	99
91) Benzo(a)pyrene	23.45	252	116562	38.481 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	147680	42.597 ng/ul	98
93) Dibenzo(a,h)anthracene	25.77	278	125132	42.276 ng/ul	98
94) Benzo(g,h,i)perylene	26.44	276	122414	43.537 ng/ul	97

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

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