Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028265.D
Acq On : 24 Dec 2020 17:52
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Quant Time: Dec 24 18:26:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 15:09:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	92757	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	376574	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	215235	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	433453	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	414960	20.00	ng/ul	0.00
86) Perylene-d12	24.01	264	414746	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	18252	7.82	ng/uL	0.00
5) Phenol-d5	7.33	99	162713	20.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	98872	19.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	137225	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	134395	21.08	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	64797	21.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	69090	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	131763	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	129345	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	355094	21.42	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	455296	21.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	66937	22.20	ng/ul	0.00
58) Fluorene-d10	15.80	176	310329	20.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	55784	21.61	ng/ul	0.00
71) Anthracene-d10	17.63	188	454078	21.11	ng/ul	0.00
79) Pyrene-d10	19.89	212	478528	20.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.86	264	487853	21.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	18671	7.754	ng/uL	98
4) Benzaldehyde	7.31	77	66892	17.976	ng/ul	97
6) Phenol	7.35	94	159537	20.426	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.59	93	131115	20.228	ng/ul	99
10) 2-Chlorophenol	7.74	128	137733	20.479	ng/ul	100
11) 2-Methylphenol	8.63	108	121868	20.461	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.72	45	210793	19.069	ng/ul	99
14) Acetophenone	9.02	105	196641	20.562	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.00	70	97099	20.183	ng/ul	100
16) 4-Methylphenol	8.96	108	133120	20.810	ng/ul	99
17) Hexachloroethane	9.28	117	58121	20.335	ng/ul	96
20) Nitrobenzene	9.40	77	150914	20.656	ng/ul	99
21) Isophorone	9.93	82	269954	21.256	ng/ul	100
23) 2-Nitrophenol	10.12	139	75053	22.655	ng/ul	99
24) 2,4-Dimethylphenol	10.17	107	144225	20.523	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.41	93	176055	20.417	ng/ul	99
27) 2,4-Dichlorophenol	10.65	162	126709	21.402	ng/ul	97
28) Naphthalene	11.06	128	439552	20.584	ng/ul	100
30) 4-Chloroaniline	11.17	127	125494	18.046	ng/ul	98
31) Hexachlorobutadiene	11.34	225	80121	20.452	ng/ul	99
32) Caprolactam	11.93	113	39249	23.084	ng/ul	95
33) 4-Chloro-3-methylphenol	12.27	107	133046	21.380	ng/ul	96
34) 2-Methylnaphthalene	12.66	142	299339	20.584	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	352583	20.716 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.02	216	147637	20.929 ng/ul	99
38) Hexachlorocyclopentadiene	13.00	237	79912	18.698 ng/ul	98
39) 2,4,6-Trichlorophenol	13.26	196	97681	22.755 ng/ul	100
40) 2,4,5-Trichlorophenol	13.33	196	103838	22.346 ng/ul	97
41) 1,1'-Biphenyl	13.66	154	380457	20.975 ng/ul	100
42) 2-Chloronaphthalene	13.70	162	298637	21.039 ng/ul	99
43) 2-Nitroaniline	13.90	65	83458	21.976 ng/ul	96
45) Dimethylphthalate	14.26	163	359510	21.218 ng/ul	99
46) 2,6-Dinitrotoluene	14.39	165	73432	22.796 ng/ul	96
48) Acenaphthylene	14.54	152	452921	21.478 ng/ul	99
49) 3-Nitroaniline	14.71	138	58739	20.264 ng/ul	99
50) Acenaphthene	14.88	153	320238	21.158 ng/ul	99
51) 2,4-Dinitrophenol	14.92	184	38467	21.349 ng/ul	99
53) 4-Nitrophenol	15.00	109	47689	20.325 ng/ul	96
54) Dibenzofuran	15.21	168	432296	20.869 ng/ul	99
55) 2,4-Dinitrotoluene	15.16	165	104012	22.425 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.43	232	87580	22.691 ng/ul	98
57) Diethylphthalate	15.61	149	359411	20.857 ng/ul	100
59) Fluorene	15.85	166	359953	20.811 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	175713	20.850 ng/ul	99
61) 4-Nitroaniline	15.86	138	54303	18.236 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.92	198	58686	21.086 ng/ul	98
65) N-Nitrosodiphenylamine	16.05	169	299567	21.245 ng/ul	98
66) 4-Bromophenyl-phenylether	16.73	248	106530	21.470 ng/ul	98
67) Hexachlorobenzene	16.84	284	121250	21.368 ng/ul	97
68) Atrazine	16.98	200	101623	21.470 ng/ul	99
69) Pentachlorophenol	17.18	266	69609	21.740 ng/ul	97
70) Phenanthrene	17.57	178	550448	20.977 ng/ul	100
72) Anthracene	17.67	178	563932	21.118 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	145634	21.231 ng/uL	96
74) Pentachlorobenzene	15.13	250	143697	21.536 ng/uL	100
75) Carbazole	17.93	167	485529	21.797 ng/ul	100
76) Di-n-butylphthalate	18.47	149	607220	22.145 ng/ul	99
77) Fluoranthene	19.56	202	616885	22.273 ng/ul	100
80) Pyrene	19.92	202	631649	20.199 ng/ul	99
81) Butylbenzylphthalate	20.79	149	266090	22.669 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.56	252	165355	20.805 ng/ul	100
83) Benzo(a)anthracene	21.63	228	578600	20.803 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	396182	23.784 ng/ul	99
85) Chrysene	21.69	228	559430	20.465 ng/ul	99
87) Di-n-octyl phthalate	22.45	149	672412	22.517 ng/ul	100
88) Benzo(b)fluoranthene	23.30	252	598993	21.360 ng/ul	100
89) Benzo(k)fluoranthene	23.34	252	551204	19.819 ng/ul	98
91) Benzo(a)pyrene	23.91	252	533031	21.089 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.43	276	645862	22.375 ng/ul	99
93) Dibenzo(a,h)anthracene	26.44	278	545584	22.299 ng/ul	98
94) Benzo(g,h,i)perylene	27.18	276	544542	22.463 ng/ul	98

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

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