Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028417.D
Acq On : 18 Jan 2021 09:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Jan 18 10:13:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 10:13:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	24670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	94613	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	100873	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	97234	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	101077	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	5528	9.44	ng/uL	0.00
5) Phenol-d5	7.23	99	45369	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	27716	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	38181	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	35664	20.97	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	17404	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	18332	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	34254	21.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	38079	20.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	83533	20.57	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	109473	21.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	16663	21.91	ng/ul	0.00
58) Fluorene-d10	15.71	176	73124	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	13380	19.27	ng/ul	0.00
71) Anthracene-d10	17.55	188	107540	20.71	ng/ul	0.00
79) Pyrene-d10	19.82	212	112293	19.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	121491	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	5396	8.926	ng/uL	96
4) Benzaldehyde	7.21	77	14457	13.856	ng/ul	98
6) Phenol	7.26	94	45778	21.844	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.50	93	35832	20.957	ng/ul	100
10) 2-Chlorophenol	7.64	128	38438	20.873	ng/ul	99
11) 2-Methylphenol	8.53	108	33461	20.946	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.62	45	60150	20.689	ng/ul	99
14) Acetophenone	8.92	105	52450	20.835	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.90	70	25758	20.169	ng/ul	100
16) 4-Methylphenol	8.86	108	35969	21.154	ng/ul	95
17) Hexachloroethane	9.18	117	16306	20.089	ng/ul	96
20) Nitrobenzene	9.30	77	42146	21.757	ng/ul	99
21) Isophorone	9.83	82	69490	20.615	ng/ul	99
23) 2-Nitrophenol	10.02	139	19728	21.055	ng/ul	99
24) 2,4-Dimethylphenol	10.07	107	38815	21.559	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	44061	20.431	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	32392	20.957	ng/ul	99
28) Naphthalene	10.96	128	117046	21.481	ng/ul	100
30) 4-Chloroaniline	11.06	127	36439	20.233	ng/ul	96
31) Hexachlorobutadiene	11.23	225	20885	20.679	ng/ul	99
32) Caprolactam	11.83	113	9876	22.035	ng/ul	91
33) 4-Chloro-3-methylphenol	12.17	107	33728	21.454	ng/ul	95
34) 2-Methylnaphthalene	12.56	142	75972	21.021	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	89485	21.221 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	37307	21.152 ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	18974	18.670 ng/ul	99
39) 2,4,6-Trichlorophenol	13.16	196	22994	20.474 ng/ul	98
40) 2,4,5-Trichlorophenol	13.23	196	25206	21.119 ng/ul	98
41) 1,1'-Biphenyl	13.56	154	93153	20.853 ng/ul	99
42) 2-Chloronaphthalene	13.60	162	74603	21.335 ng/ul	99
43) 2-Nitroaniline	13.80	65	21883	21.857 ng/ul	94
45) Dimethylphthalate	14.17	163	84673	20.574 ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	17518	20.804 ng/ul	95
48) Acenaphthylene	14.45	152	110861	21.359 ng/ul	99
49) 3-Nitroaniline	14.63	138	15005	19.588 ng/ul	99
50) Acenaphthene	14.79	153	78004	21.146 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	9407	18.905 ng/ul	96
53) 4-Nitrophenol	14.92	109	13180	22.584 ng/ul	98
54) Dibenzofuran	15.12	168	104701	21.154 ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	24533	21.101 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.34	232	20175	20.667 ng/ul#	98
57) Diethylphthalate	15.53	149	83689	19.884 ng/ul	99
59) Fluorene	15.76	166	86899	21.340 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.75	204	40690	20.332 ng/ul	98
61) 4-Nitroaniline	15.77	138	14339	19.093 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.84	198	14510	19.886 ng/ul	96
65) N-Nitrosodiphenylamine	15.96	169	70151	20.497 ng/ul	100
66) 4-Bromophenyl-phenylether	16.64	248	23698	19.681 ng/ul	96
67) Hexachlorobenzene	16.76	284	27985	20.315 ng/ul	95
68) Atrazine	16.90	200	23356	19.632 ng/ul	99
69) Pentachlorophenol	17.10	266	15378	19.181 ng/ul	99
70) Phenanthrene	17.49	178	130835	21.006 ng/ul	100
72) Anthracene	17.58	178	134225	21.112 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	36038	20.687 ng/uL	98
74) Pentachlorobenzene	15.04	250	33216	20.317 ng/uL	99
75) Carbazole	17.85	167	116797	21.615 ng/ul	99
76) Di-n-butylphthalate	18.39	149	129740	17.932 ng/ul	99
77) Fluoranthene	19.48	202	144914	21.382 ng/ul	97
80) Pyrene	19.84	202	150715	20.036 ng/ul	99
81) Butylbenzylphthalate	20.71	149	59483	17.656 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.49	252	43824	20.218 ng/ul	99
83) Benzo(a)anthracene	21.56	228	141022	20.869 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	83198	16.460 ng/ul	100
85) Chrysene	21.61	228	137290	20.953 ng/ul	99
87) Di-n-octyl phthalate	22.36	149	142184	16.763 ng/ul	100
88) Benzo(b)fluoranthene	23.19	252	144890	21.174 ng/ul	99
89) Benzo(k)fluoranthene	23.23	252	141049	21.054 ng/ul	99
91) Benzo(a)pyrene	23.79	252	134103	21.226 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.25	276	165537	21.494 ng/ul	100
93) Dibenzo(a,h)anthracene	26.26	278	138554	21.346 ng/ul	100
94) Benzo(g,h,i)perylene	26.98	276	141237	21.980 ng/ul	98

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

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