Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011421\
Data File : BM028391.D
Acq On : 14 Jan 2021 18:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: Jan 18 11:30:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 13:30:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26913	20.00	ng/ul	0.02
18) Naphthalene-d8	10.95	136	115668	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.75	164	69588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	137350	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	110437	20.00	ng/ul	0.00
86) Perylene-d12	23.92	264	98963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	4790	7.34	ng/uL	0.01
5) Phenol-d5	7.26	99	45202	19.14	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.44	67	28272	19.73	ng/ul	0.02
9) 2-Chlorophenol-d4	7.65	132	38507	19.54	ng/ul	0.02
13) 4-Methylphenol-d8	8.83	113	37701	19.32	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	18382	19.29	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	19205	19.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.56	165	37376	19.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.07	131	46389	19.60	ng/ul	0.01
44) Dimethylphthalate-d6	14.16	166	104218	19.01	ng/ul	0.01
47) Acenaphthylene-d8	14.45	160	133451	19.26	ng/ul	0.01
52) 4-Nitrophenol-d4	14.93	143	18055	17.26	ng/ul	0.00
58) Fluorene-d10	15.74	176	93758	19.20	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.85	200	15769	17.39	ng/ul	0.00
71) Anthracene-d10	17.57	188	136652	19.55	ng/ul	0.00
79) Pyrene-d10	19.84	212	132839	20.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.77	264	112193	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	5188	7.694	ng/uL	96
4) Benzaldehyde	7.25	77	15716	14.381	ng/ul	97
6) Phenol	7.29	94	45159	19.094	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.53	93	36265	19.210	ng/ul	96
10) 2-Chlorophenol	7.67	128	38825	19.511	ng/ul	98
11) 2-Methylphenol	8.56	108	34591	19.220	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.66	45	63937	20.340	ng/ul	100
14) Acetophenone	8.96	105	57721	20.067	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.94	70	28192	19.580	ng/ul	96
16) 4-Methylphenol	8.89	108	37372	19.113	ng/ul	96
17) Hexachloroethane	9.22	117	16989	20.263	ng/ul	99
20) Nitrobenzene	9.34	77	45944	19.960	ng/ul	98
21) Isophorone	9.86	82	76794	19.257	ng/ul	98
23) 2-Nitrophenol	10.05	139	21326	19.421	ng/ul	96
24) 2,4-Dimethylphenol	10.10	107	44337	20.250	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.35	93	49283	18.834	ng/ul	99
27) 2,4-Dichlorophenol	10.59	162	35878	19.184	ng/ul	98
28) Naphthalene	10.99	128	127621	19.200	ng/ul	99
30) 4-Chloroaniline	11.10	127	44596	19.529	ng/ul	98
31) Hexachlorobutadiene	11.27	225	23767	19.940	ng/ul	99
32) Caprolactam	11.87	113	10080	17.430	ng/ul	94
33) 4-Chloro-3-methylphenol	12.20	107	38758	19.485	ng/ul	93
34) 2-Methylnaphthalene	12.59	142	87866	19.190	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	104140	19.446 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	44042	19.323 ng/ul	98
38) Hexachlorocyclopentadiene	12.93	237	24166	18.686 ng/ul	98
39) 2,4,6-Trichlorophenol	13.19	196	27033	18.845 ng/ul	97
40) 2,4,5-Trichlorophenol	13.26	196	29595	18.860 ng/ul	97
41) 1,1'-Biphenyl	13.59	154	112982	19.229 ng/ul	99
42) 2-Chloronaphthalene	13.64	162	89025	19.209 ng/ul	99
43) 2-Nitroaniline	13.83	65	26267	19.916 ng/ul	92
45) Dimethylphthalate	14.20	163	106034	18.938 ng/ul	100
46) 2,6-Dinitrotoluene	14.33	165	21322	18.902 ng/ul	95
48) Acenaphthylene	14.48	152	134276	19.257 ng/ul	100
49) 3-Nitroaniline	14.65	138	18391	17.643 ng/ul	92
50) Acenaphthene	14.82	153	95998	19.312 ng/ul	99
51) 2,4-Dinitrophenol	14.86	184	10183	15.534 ng/ul	92
53) 4-Nitrophenol	14.94	109	16046	20.188 ng/ul	92
54) Dibenzofuran	15.15	168	130306	19.174 ng/ul	96
55) 2,4-Dinitrotoluene	15.11	165	30440	18.871 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.37	232	24540	18.721 ng/ul	98
57) Diethylphthalate	15.55	149	109231	19.266 ng/ul	98
59) Fluorene	15.79	166	110108	19.270 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.78	204	52884	19.232 ng/ul	98
61) 4-Nitroaniline	15.80	138	16524	15.282 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.86	198	16763	17.586 ng/ul#	88
65) N-Nitrosodiphenylamine	15.99	169	89362	19.920 ng/ul	99
66) 4-Bromophenyl-phenylether	16.67	248	30853	19.535 ng/ul	95
67) Hexachlorobenzene	16.79	284	34857	19.039 ng/ul	98
68) Atrazine	16.93	200	29730	19.171 ng/ul	98
69) Pentachlorophenol	17.13	266	18658	17.664 ng/ul	98
70) Phenanthrene	17.52	178	165867	19.626 ng/ul	99
72) Anthracene	17.61	178	167755	19.392 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	42155	19.694 ng/uL	98
74) Pentachlorobenzene	15.07	250	41207	19.490 ng/uL	99
75) Carbazole	17.87	167	140739	19.283 ng/ul	100
76) Di-n-butylphthalate	18.42	149	168616	18.882 ng/ul	99
77) Fluoranthene	19.51	202	172333	18.971 ng/ul	98
80) Pyrene	19.87	202	177878	20.373 ng/ul	98
81) Butylbenzylphthalate	20.73	149	64534	19.216 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.51	252	40569	18.273 ng/ul	97
83) Benzo(a)anthracene	21.58	228	146330	19.397 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	85498	18.182 ng/ul	99
85) Chrysene	21.63	228	142782	19.407 ng/ul	100
87) Di-n-octyl phthalate	22.39	149	134789	17.369 ng/ul	100
88) Benzo(b)fluoranthene	23.22	252	137291	19.428 ng/ul	99
89) Benzo(k)fluoranthene	23.26	252	133152	19.462 ng/ul	98
91) Benzo(a)pyrene	23.82	252	124046	20.144 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.30	276	145798	22.362 ng/ul	97
93) Dibenzo(a,h)anthracene	26.31	278	122776	22.340 ng/ul	97
94) Benzo(g,h,i)perylene	27.03	276	124221	22.883 ng/ul	98

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

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