Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028685.D
Acq On : 09 Feb 2021 15:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: Feb 09 16:48:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 10:35:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	22887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	90404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.55	164	51977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.29	188	104405	20.00	ng/ul	0.00
78) Chrysene-d12	21.43	240	103089	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	103240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4852	8.93	ng/uL	0.00
5) Phenol-d5	7.06	99	40332	20.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	24160	19.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	35124	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	33076	20.96	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	16304	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	17719	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	32794	21.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	38734	21.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.96	166	86568	20.97	ng/ul	0.00
47) Acenaphthylene-d8	14.24	160	110040	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.76	143	15730	20.34	ng/ul	0.00
58) Fluorene-d10	15.54	176	75323	21.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	14383	20.02	ng/ul	0.00
71) Anthracene-d10	17.38	188	112741	20.97	ng/ul	0.00
79) Pyrene-d10	19.66	212	118784	19.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	124893	21.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	5365	9.566	ng/uL#	87
4) Benzaldehyde	7.03	77	15491	16.004	ng/ul	98
6) Phenol	7.09	94	40270	20.712	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.32	93	32914	20.750	ng/ul	95
10) 2-Chlorophenol	7.46	128	35314	20.671	ng/ul	96
11) 2-Methylphenol	8.35	108	30905	20.853	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	48791	18.089	ng/ul	97
14) Acetophenone	8.73	105	48512	20.772	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.72	70	23304	19.669	ng/ul	91
16) 4-Methylphenol	8.68	108	32945	20.885	ng/ul	99
17) Hexachloroethane	8.97	117	14723	19.551	ng/ul	100
20) Nitrobenzene	9.11	77	36167	19.539	ng/ul	94
21) Isophorone	9.64	82	63932	19.849	ng/ul	97
23) 2-Nitrophenol	9.82	139	19216	21.463	ng/ul	94
24) 2,4-Dimethylphenol	9.89	107	35372	20.561	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.12	93	42647	20.696	ng/ul	99
27) 2,4-Dichlorophenol	10.36	162	31408	21.266	ng/ul	99
28) Naphthalene	10.76	128	109476	21.027	ng/ul	99
30) 4-Chloroaniline	10.87	127	37718	21.918	ng/ul	100
31) Hexachlorobutadiene	11.03	225	19783	20.499	ng/ul	99
32) Caprolactam	11.66	113	8858	20.684	ng/ul	83
33) 4-Chloro-3-methylphenol	12.00	107	31829	21.189	ng/ul	99
34) 2-Methylnaphthalene	12.37	142	74060	21.446	ng/ul	98

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35) 1-Methylnaphthalene	12.59	142	86465	21.459 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.74	216	36463	20.337 ng/ul	99
38) Hexachlorocyclopentadiene	12.71	237	18647	18.050 ng/ul	100
39) 2,4,6-Trichlorophenol	12.98	196	23412	20.508 ng/ul	98
40) 2,4,5-Trichlorophenol	13.06	196	25321	20.870 ng/ul	96
41) 1,1'-Biphenyl	13.38	154	93214	20.528 ng/ul	99
42) 2-Chloronaphthalene	13.43	162	72628	20.433 ng/ul	98
43) 2-Nitroaniline	13.64	65	18863	18.535 ng/ul	92
45) Dimethylphthalate	14.01	163	87193	20.841 ng/ul	98
46) 2,6-Dinitrotoluene	14.14	165	18541	21.661 ng/ul	94
48) Acenaphthylene	14.27	152	109973	20.844 ng/ul	99
49) 3-Nitroaniline	14.46	138	15152	19.459 ng/ul	96
50) Acenaphthene	14.62	153	77423	20.648 ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	9341	18.467 ng/ul	93
53) 4-Nitrophenol	14.78	109	11343	19.121 ng/ul	93
54) Dibenzofuran	14.94	168	105544	20.978 ng/ul	99
55) 2,4-Dinitrotoluene	14.93	165	25545	21.614 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.17	232	20572	20.731 ng/ul#	97
57) Diethylphthalate	15.37	149	89257	20.863 ng/ul	98
59) Fluorene	15.60	166	86951	21.006 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.59	204	42992	21.133 ng/ul	98
61) 4-Nitroaniline	15.62	138	13807	18.085 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.69	198	15100	19.995 ng/ul	95
65) N-Nitrosodiphenylamine	15.80	169	74224	20.953 ng/ul	99
66) 4-Bromophenyl-phenylether	16.48	248	25575	20.522 ng/ul	95
67) Hexachlorobenzene	16.59	284	28942	20.299 ng/ul	99
68) Atrazine	16.75	200	24645	20.014 ng/ul	99
69) Pentachlorophenol	16.94	266	15692	18.911 ng/ul	98
70) Phenanthrene	17.33	178	134859	20.919 ng/ul	99
72) Anthracene	17.42	178	139087	21.137 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.34	216	35426	19.647 ng/uL	98
74) Pentachlorobenzene	14.87	250	33997	20.091 ng/uL	98
75) Carbazole	17.69	167	119629	21.390 ng/ul	99
76) Di-n-butylphthalate	18.24	149	152083	20.309 ng/ul	98
77) Fluoranthene	19.33	202	152460	21.735 ng/ul	98
80) Pyrene	19.69	202	158195	19.836 ng/ul	99
81) Butylbenzylphthalate	20.57	149	69062	19.336 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.35	252	45689	19.881 ng/ul	98
83) Benzo(a)anthracene	21.42	228	148196	20.685 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.34	149	105299	19.650 ng/ul	99
85) Chrysene	21.47	228	144954	20.866 ng/ul	100
87) Di-n-octyl phthalate	22.21	149	182825	21.102 ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	152204	21.777 ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	147672	21.581 ng/ul	98
91) Benzo(a)pyrene	23.57	252	138711	21.496 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.94	276	168225	21.385 ng/ul	99
93) Dibenzo(a,h)anthracene	25.94	278	143473	21.641 ng/ul	99
94) Benzo(g,h,i)perylene	26.63	276	140429	21.396 ng/ul	99

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

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