Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030521\
Data File : BN013855.D
Acq On : 05 Mar 2021 11:26
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02061

Quant Time: Mar 05 11:56:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 14:09:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	151095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	632708	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	380261	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	772943	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	769513	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	759289	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	29478	7.75	ng/uL	0.00
5) Phenol-d5	6.89	99	238256	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	150304	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	191329	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	183725	19.85	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	84908	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	80273	19.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	176047	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	244350	22.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	509546	19.96	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	675200	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	91141	19.03	ng/ul	0.00
58) Fluorene-d10	15.35	176	436392	19.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	61640	17.16	ng/ul	0.00
71) Anthracene-d10	17.20	188	669097	19.81	ng/ul	0.00
79) Pyrene-d10	19.49	212	730920	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	731919	19.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	30471	7.887	ng/uL	98
4) Benzaldehyde	6.86	77	154670	25.148	ng/ul	98
6) Phenol	6.91	94	263623	20.129	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	206963	20.206	ng/ul	99
10) 2-Chlorophenol	7.28	128	202861	20.378	ng/ul	100
11) 2-Methylphenol	8.16	108	187375	19.832	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	309227	19.771	ng/ul	98
14) Acetophenone	8.53	105	315489	20.691	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	152938	20.213	ng/ul	96
16) 4-Methylphenol	8.48	108	208740	20.362	ng/ul	95
17) Hexachloroethane	8.79	117	82747	19.595	ng/ul	98
20) Nitrobenzene	8.91	77	233077	20.124	ng/ul	98
21) Isophorone	9.43	82	399757	19.684	ng/ul	99
23) 2-Nitrophenol	9.62	139	98040	20.721	ng/ul	94
24) 2,4-Dimethylphenol	9.68	107	222034	19.926	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	268701	19.817	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	181092	19.918	ng/ul	97
28) Naphthalene	10.55	128	654077	19.941	ng/ul	98
30) 4-Chloroaniline	10.66	127	259813	22.859	ng/ul	98
31) Hexachlorobutadiene	10.84	225	112743	19.473	ng/ul	98
32) Caprolactam	11.40	113	47515	17.267	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	187367	20.221	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	448718	20.023	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	440438	20.392 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	219431	19.167 ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	124344	18.241 ng/ul	99
39) 2,4,6-Trichlorophenol	12.78	196	129981	19.671 ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	146346	20.187 ng/ul	97
41) 1,1'-Biphenyl	13.19	154	561549	19.638 ng/ul	100
42) 2-Chloronaphthalene	13.23	162	435254	19.471 ng/ul	99
43) 2-Nitroaniline	13.43	65	114757	19.801 ng/ul	99
45) Dimethylphthalate	13.82	163	525682	19.897 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	95081	20.082 ng/ul	95
48) Acenaphthylene	14.07	152	652970	19.944 ng/ul	99
49) 3-Nitroaniline	14.26	138	106120	20.609 ng/ul	96
50) Acenaphthene	14.42	153	471840	19.755 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	39419	15.815 ng/ul	96
53) 4-Nitrophenol	14.56	109	75226	19.497 ng/ul	96
54) Dibenzofuran	14.76	168	651838	19.798 ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	141124	20.863 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.98	232	111852	19.988 ng/ul	99
57) Diethylphthalate	15.19	149	526070	19.923 ng/ul	98
59) Fluorene	15.40	166	524477	19.576 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	254948	19.834 ng/ul	95
61) 4-Nitroaniline	15.42	138	116175	19.696 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.48	198	66456	17.560 ng/ul	98
65) N-Nitrosodiphenylamine	15.62	169	449777	20.206 ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	149696	20.218 ng/ul	97
67) Hexachlorobenzene	16.41	284	173059	19.569 ng/ul	99
68) Atrazine	16.57	200	145332	18.894 ng/ul	95
69) Pentachlorophenol	16.75	266	81977	17.592 ng/ul	95
70) Phenanthrene	17.14	178	819975	19.580 ng/ul	99
72) Anthracene	17.23	178	844267	19.832 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	213714	18.881 ng/uL	91
74) Pentachlorobenzene	14.67	250	209448	19.643 ng/uL	99
75) Carbazole	17.50	167	740524	19.496 ng/ul	99
76) Di-n-butylphthalate	18.07	149	822356	19.350 ng/ul	100
77) Fluoranthene	19.16	202	916185	19.785 ng/ul	98
80) Pyrene	19.52	202	966084	19.497 ng/ul	99
81) Butylbenzylphthalate	20.43	149	318543	18.675 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	288244	19.960 ng/ul	98
83) Benzo(a)anthracene	21.26	228	929049	19.615 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	519050	18.185 ng/ul	99
85) Chrysene	21.32	228	921100	19.980 ng/ul	99
87) Di-n-octyl phthalate	22.08	149	825623	17.402 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	888900	19.270 ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	905260	19.562 ng/ul	98
91) Benzo(a)pyrene	23.42	252	833175	19.927 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	1065030	20.383 ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	868253	19.489 ng/ul	98
94) Benzo(g,h,i)perylene	26.44	276	857386	19.537 ng/ul	98

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

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