Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
Data File : BN013917.D
Acq On : 11 Mar 2021 16:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02065

Quant Time: Mar 11 16:30:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 09:36:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	175623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	722108	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	423653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	854384	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	832709	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	839979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	34328	7.76	ng/uL	0.00
5) Phenol-d5	6.88	99	278174	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	173305	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	222561	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	214561	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	100039	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	94636	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	205657	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	281287	22.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	571165	20.08	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	769903	20.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	100956	18.92	ng/ul	0.00
58) Fluorene-d10	15.35	176	500776	19.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	69574	17.52	ng/ul	0.00
71) Anthracene-d10	17.19	188	741079	19.85	ng/ul	0.00
79) Pyrene-d10	19.48	212	804413	19.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	831109	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	35118	7.820	ng/uL	97
4) Benzaldehyde	6.86	77	179401	25.095	ng/ul	100
6) Phenol	6.91	94	305518	20.070	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	236472	19.863	ng/ul	99
10) 2-Chlorophenol	7.28	128	236924	20.476	ng/ul	96
11) 2-Methylphenol	8.15	108	215981	19.667	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	351555	19.338	ng/ul	98
14) Acetophenone	8.53	105	360428	20.337	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	175241	19.926	ng/ul	97
16) 4-Methylphenol	8.48	108	238312	20.000	ng/ul	96
17) Hexachloroethane	8.79	117	98599	20.088	ng/ul	99
20) Nitrobenzene	8.91	77	263264	19.917	ng/ul	97
21) Isophorone	9.43	82	457201	19.726	ng/ul	100
23) 2-Nitrophenol	9.62	139	114642	21.230	ng/ul	98
24) 2,4-Dimethylphenol	9.67	107	258953	20.362	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	309468	19.998	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	210484	20.285	ng/ul	98
28) Naphthalene	10.55	128	754968	20.167	ng/ul	99
30) 4-Chloroaniline	10.66	127	292704	22.564	ng/ul	97
31) Hexachlorobutadiene	10.83	225	133798	20.249	ng/ul	97
32) Caprolactam	11.40	113	55905	17.801	ng/ul	98
33) 4-Chloro-3-methylphenol	11.77	107	214802	20.312	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	512704	20.046	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	499277	20.255 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	251458	19.715 ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	146202	19.251 ng/ul	98
39) 2,4,6-Trichlorophenol	12.77	196	145649	19.785 ng/ul	98
40) 2,4,5-Trichlorophenol	12.84	196	163270	20.215 ng/ul	94
41) 1,1'-Biphenyl	13.18	154	638981	20.058 ng/ul	99
42) 2-Chloronaphthalene	13.22	162	504206	20.245 ng/ul	98
43) 2-Nitroaniline	13.42	65	129096	19.993 ng/ul	99
45) Dimethylphthalate	13.81	163	593057	20.148 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	111396	21.118 ng/ul	93
48) Acenaphthylene	14.07	152	749357	20.544 ng/ul	99
49) 3-Nitroaniline	14.25	138	121818	21.235 ng/ul	96
50) Acenaphthene	14.42	153	533711	20.057 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	45463	16.371 ng/ul	95
53) 4-Nitrophenol	14.56	109	82926	19.291 ng/ul	96
54) Dibenzofuran	14.75	168	739415	20.158 ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	158983	21.096 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.97	232	125903	20.195 ng/ul	99
57) Diethylphthalate	15.18	149	580478	19.732 ng/ul	100
59) Fluorene	15.40	166	590364	19.778 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.40	204	287474	20.073 ng/ul	96
61) 4-Nitroaniline	15.42	138	128589	19.568 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	77153	18.444 ng/ul	95
65) N-Nitrosodiphenylamine	15.61	169	501428	20.379 ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	161618	19.748 ng/ul	94
67) Hexachlorobenzene	16.40	284	185245	18.950 ng/ul#	88
68) Atrazine	16.56	200	164094	19.300 ng/ul	94
69) Pentachlorophenol	16.74	266	91571	17.778 ng/ul	99
70) Phenanthrene	17.13	178	916631	19.801 ng/ul	98
72) Anthracene	17.22	178	948316	20.153 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	252014	20.143 ng/uL	97
74) Pentachlorobenzene	14.67	250	232489	19.725 ng/uL	97
75) Carbazole	17.49	167	814302	19.395 ng/ul	99
76) Di-n-butylphthalate	18.06	149	927937	19.753 ng/ul	99
77) Fluoranthene	19.14	202	1008116	19.695 ng/ul	97
80) Pyrene	19.51	202	1069237	19.942 ng/ul	99
81) Butylbenzylphthalate	20.42	149	362600	19.645 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.19	252	289697	18.538 ng/ul	90
83) Benzo(a)anthracene	21.25	228	1019463	19.890 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	586152	18.978 ng/ul	98
85) Chrysene	21.30	228	968741	19.419 ng/ul	98
87) Di-n-octyl phthalate	22.06	149	944907	18.003 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	1026424	20.114 ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	980966	19.161 ng/ul	100
91) Benzo(a)pyrene	23.39	252	893998	19.327 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.73	276	1153869	19.962 ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	936343	18.998 ng/ul	97
94) Benzo(g,h,i)perylene	26.41	276	939556	19.352 ng/ul	97

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

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