Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010365.D
Acq On : 01 Apr 2020 17:35
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV60

Quant Time: Apr 01 18:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 17:35:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	460674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2060321	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1402771	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3163409	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3287617	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3790068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	73756	7.57	ng/uL	0.00
5) Phenol-d5	6.79	99	726266	18.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	444985	22.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	608411	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	619027	19.07	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	308214	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	333088	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	681917	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	942823	23.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	2224136	21.01	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	2561878	20.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	399840	20.11	ng/ul	0.00
58) Fluorene-d10	15.23	176	1841731	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	348484	19.24	ng/ul	0.00
71) Anthracene-d10	17.08	188	2940002	20.24	ng/ul	0.00
79) Pyrene-d10	19.38	212	3433098	20.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	3856518	20.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	76264	7.406	ng/uL	99
4) Benzaldehyde	6.76	77	491827	25.050	ng/ul	98
6) Phenol	6.82	94	751469	18.686	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	595070	19.142	ng/ul	99
10) 2-Chlorophenol	7.18	128	625108	19.781	ng/ul	93
11) 2-Methylphenol	8.05	108	588082	18.818	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	415079	19.489	ng/ul	97
14) Acetophenone	8.42	105	1027162	20.814	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.41	70	499882	20.753	ng/ul	99
16) 4-Methylphenol	8.37	108	650520	19.037	ng/ul	94
17) Hexachloroethane	8.68	117	251962	19.679	ng/ul	90
20) Nitrobenzene	8.79	77	728333	19.590	ng/ul	97
21) Isophorone	9.31	82	1391766	19.576	ng/ul	100
23) 2-Nitrophenol	9.49	139	369718	19.982	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	742802	19.633	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	874018	19.570	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	677667	19.983	ng/ul	96
28) Naphthalene	10.42	128	2141757	19.323	ng/ul	100
30) 4-Chloroaniline	10.53	127	972373	24.393	ng/ul	98
31) Hexachlorobutadiene	10.72	225	445199	19.744	ng/ul	96
32) Caprolactam	11.27	113	218620	19.320	ng/ul	94
33) 4-Chloro-3-methylphenol	11.66	107	704902	19.712	ng/ul	94
34) 2-Methylnaphthalene	12.04	142	1637293	20.333	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	1535192	19.216 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	907491	20.515 ng/ul	99
38) Hexachlorocyclopentadiene	12.40	237	578239	19.819 ng/ul	97
39) 2,4,6-Trichlorophenol	12.66	196	554622	19.628 ng/ul	95
40) 2,4,5-Trichlorophenol	12.72	196	612162	20.152 ng/ul	98
41) 1,1'-Biphenyl	13.06	154	2131149	19.965 ng/ul	99
42) 2-Chloronaphthalene	13.10	162	1693147	19.962 ng/ul	97
43) 2-Nitroaniline	13.30	65	396978	20.841 ng/ul	99
45) Dimethylphthalate	13.70	163	2172616	19.878 ng/ul	99
46) 2,6-Dinitrotoluene	13.81	165	477183	22.211 ng/ul	97
48) Acenaphthylene	13.96	152	2746448	20.647 ng/ul	99
49) 3-Nitroaniline	14.13	138	477902	23.834 ng/ul	95
50) Acenaphthene	14.30	153	1818261	19.843 ng/ul	98
51) 2,4-Dinitrophenol	14.35	184	222111	17.941 ng/ul	97
53) 4-Nitrophenol	14.45	109	315007	19.821 ng/ul	97
54) Dibenzofuran	14.64	168	2628207	20.363 ng/ul	99
55) 2,4-Dinitrotoluene	14.60	165	646425	20.503 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.87	232	560425	21.136 ng/ul	98
57) Diethylphthalate	15.08	149	2153813	19.891 ng/ul	98
59) Fluorene	15.29	166	2076215	19.765 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.29	204	1068345	19.590 ng/ul	98
61) 4-Nitroaniline	15.30	138	542569	23.987 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.37	198	387078	19.473 ng/ul	99
65) N-Nitrosodiphenylamine	15.50	169	1921888	20.882 ng/ul	97
66) 4-Bromophenyl-phenylether	16.19	248	655058	19.687 ng/ul	99
67) Hexachlorobenzene	16.30	284	722714	19.133 ng/ul	98
68) Atrazine	16.46	200	635573	17.598 ng/ul	95
69) Pentachlorophenol	16.64	266	437025	18.920 ng/ul	92
70) Phenanthrene	17.03	178	3502910	19.984 ng/ul	99
72) Anthracene	17.12	178	3563094	20.324 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	885138	18.428 ng/uL	95
74) Pentachlorobenzene	14.56	250	855905	18.125 ng/uL	97
75) Carbazole	17.39	167	3243428	22.249 ng/ul	99
76) Di-n-butylphthalate	17.97	149	3663600	20.220 ng/ul	99
77) Fluoranthene	19.05	202	4311677	23.097 ng/ul	99
80) Pyrene	19.41	202	4464332	20.308 ng/ul	99
81) Butylbenzylphthalate	20.34	149	1675716	19.114 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.11	252	1615756	21.608 ng/ul	95
83) Benzo(a)anthracene	21.17	228	4467230	20.225 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2563488	19.760 ng/ul	98
85) Chrysene	21.22	228	4392499	20.854 ng/ul	99
87) Di-n-octyl phthalate	22.00	149	4404808	23.658 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	4749624	20.695 ng/ul	94
89) Benzo(k)fluoranthene	22.76	252	4418761	19.819 ng/ul	99
91) Benzo(a)pyrene	23.27	252	4685251	21.805 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.52	276	5446738	19.642 ng/ul	99
93) Dibenzo(a,h)anthracene	25.53	278	4531021	19.783 ng/ul	99
94) Benzo(g,h,i)perylene	26.17	276	4589287	19.642 ng/ul	99

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

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