Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010358.D
Acq On : 01 Apr 2020 12:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC020

Quant Time: Apr 01 13:56:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 05:49:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	629159	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.37	136	2626460	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.24	164	1680490	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.99	188	3722631	20.00	ng/ul	-0.01
78) Chrysene-d12	21.19	240	3762175	20.00	ng/ul	-0.01
86) Perylene-d12	23.37	264	4085314	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	108353	7.42	ng/uL	-0.01
5) Phenol-d5	6.79	99	1021520	20.67	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	561340	19.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.15	132	849705	21.82	ng/ul	-0.02
13) 4-Methylphenol-d8	8.31	113	845253	21.31	ng/ul	-0.02
19) Nitrobenzene-d5	8.75	128	413908	23.94	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.46	143	442065	31.23	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.00	165	879210	22.12	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.50	131	1017490	20.82	ng/ul	-0.02
44) Dimethylphthalate-d6	13.65	166	2558637	20.18	ng/ul	-0.02
47) Acenaphthylene-d8	13.92	160	3124923	20.07	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.44	143	499749	25.65	ng/ul	0.00
58) Fluorene-d10	15.23	176	2278689	20.26	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.35	200	403956	28.82	ng/ul	-0.01
71) Anthracene-d10	17.08	188	3526235	20.28	ng/ul	-0.02
79) Pyrene-d10	19.38	212	3785713	18.74	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.23	264	4284370	21.09	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	114321	7.400	ng/uL#	85
4) Benzaldehyde	6.76	77	391099	13.966	ng/ul	97
6) Phenol	6.82	94	1057902	20.207	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.05	93	856391	20.902	ng/ul	89
10) 2-Chlorophenol	7.18	128	860317	21.212	ng/ul	94
11) 2-Methylphenol	8.05	108	824047	20.721	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.14	45	590055	12.108	ng/ul#	77
14) Acetophenone	8.42	105	1286568	20.114	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.41	70	635634	19.789	ng/ul#	83
16) 4-Methylphenol	8.38	108	875123	20.585	ng/ul	99
17) Hexachloroethane	8.68	117	358310	19.920	ng/ul	93
20) Nitrobenzene	8.79	77	970339	21.074	ng/ul	92
21) Isophorone	9.31	82	1811469	19.202	ng/ul	99
23) 2-Nitrophenol	9.49	139	490165	29.448	ng/ul#	87
24) 2,4-Dimethylphenol	9.56	107	960400	20.258	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	1132049	20.408	ng/ul	100
27) 2,4-Dichlorophenol	10.02	162	868942	21.756	ng/ul	99
28) Naphthalene	10.42	128	2875181	20.225	ng/ul	100
30) 4-Chloroaniline	10.53	127	1038547	21.215	ng/ul	100
31) Hexachlorobutadiene	10.72	225	592051	19.577	ng/ul	99
32) Caprolactam	11.29	113	286538	21.471	ng/ul#	60
33) 4-Chloro-3-methylphenol	11.66	107	909514	21.805	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	2011581	19.864	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	2000136	19.856	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	1114699	20.314	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	709037	19.194	ng/ul	98
39) 2,4,6-Trichlorophenol	12.66	196	731737	24.900	ng/ul	96
40) 2,4,5-Trichlorophenol	12.73	196	774036	24.063	ng/ul	94
41) 1,1'-Biphenyl	13.06	154	2645295	20.395	ng/ul	99
42) 2-Chloronaphthalene	13.10	162	2083408	20.043	ng/ul	98
43) 2-Nitroaniline	13.30	65	515602	24.110	ng/ul#	74
45) Dimethylphthalate	13.70	163	2669928	20.158	ng/ul	100
46) 2,6-Dinitrotoluene	13.81	165	552262	25.251	ng/ul	92
48) Acenaphthylene	13.95	152	3297191	20.067	ng/ul	98
49) 3-Nitroaniline	14.13	138	479320	23.604	ng/ul#	97
50) Acenaphthene	14.30	153	2251123	20.086	ng/ul	99
51) 2,4-Dinitrophenol	14.34	184	272163	32.867	ng/ul	94
53) 4-Nitrophenol	14.46	109	395532	24.316	ng/ul	89
54) Dibenzofuran	14.64	168	3153715	20.263	ng/ul	100
55) 2,4-Dinitrotoluene	14.60	165	802102	26.111	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.87	232	682825	27.062	ng/ul#	92
57) Diethylphthalate	15.08	149	2730873	20.822	ng/ul	99
59) Fluorene	15.29	166	2590021	19.763	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	1287239	19.288	ng/ul	90
61) 4-Nitroaniline	15.30	138	463335	18.741	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.37	198	439328	26.825	ng/ul	97
65) N-Nitrosodiphenylamine	15.50	169	2233908	20.447	ng/ul	98
66) 4-Bromophenyl-phenylether	16.19	248	817333	20.463	ng/ul	98
67) Hexachlorobenzene	16.30	284	884629	19.607	ng/ul	97
68) Atrazine	16.47	200	848653	19.475	ng/ul	98
69) Pentachlorophenol	16.64	266	577091	27.049	ng/ul	94
70) Phenanthrene	17.03	178	4210547	20.055	ng/ul	98
72) Anthracene	17.12	178	4350213	20.348	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	1193053	20.529	ng/uL	95
74) Pentachlorobenzene	14.56	250	1137120	20.372	ng/uL	97
75) Carbazole	17.39	167	3827910	20.921	ng/ul	100
76) Di-n-butylphthalate	17.97	149	3849874	17.499	ng/ul	99
77) Fluoranthene	19.05	202	5174406	21.503	ng/ul	98
80) Pyrene	19.42	202	5121473	18.854	ng/ul	98
81) Butylbenzylphthalate	20.34	149	2204806	24.828	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.11	252	706716	8.364	ng/ul#	96
83) Benzo(a)anthracene	21.17	228	5111297	19.197	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.13	149	6958700	47.932	ng/ul	99
85) Chrysene	21.23	228	4998517	19.507	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	5616766	24.248	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	5323402	20.719	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	5323402	21.138	ng/ul	99
91) Benzo(a)pyrene	23.27	252	5044335	21.342	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.52	276	6075950	20.638	ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	5070691	20.828	ng/ul	98
94) Benzo(g,h,i)perylene	26.17	276	5108180	21.088	ng/ul	97

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

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