Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011451.D
Acq On : 17 Aug 2020 13:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02061

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Quant Time: Aug 17 14:48:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 15:37:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	151025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	533341	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	339666	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	724013	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	850725	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	790311	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	22570	7.17	ng/uL	0.00
5) Phenol-d5	6.64	99	211482	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	118264	21.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	192720	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	161677	18.64	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	83321	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	106107	22.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	181351	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	204632	19.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	499040	18.87	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	603407	18.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	80540	17.97	ng/ul	0.00
58) Fluorene-d10	15.07	176	493675	21.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	86129	17.94	ng/ul	0.00
71) Anthracene-d10	16.92	188	675156	19.52	ng/ul	0.00
79) Pyrene-d10	19.23	212	784781	17.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	809144	18.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	28330	6.986	ng/uL	95
4) Benzaldehyde	6.60	77	145535	20.892	ng/ul	96
6) Phenol	6.66	94	218477	20.065	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.89	93	183469	21.258	ng/ul	95
10) 2-Chlorophenol	7.01	128	199082	20.156	ng/ul	95
11) 2-Methylphenol	7.89	108	150867	17.597	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.97	45	88806	18.931	ng/ul	95
14) Acetophenone	8.25	105	252208	17.988	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.24	70	116515	19.181	ng/ul	97
16) 4-Methylphenol	8.21	108	168281	18.537	ng/ul	98
17) Hexachloroethane	8.49	117	81869	17.926	ng/ul	96
20) Nitrobenzene	8.62	77	194677	19.270	ng/ul	97
21) Isophorone	9.14	82	383586	21.576	ng/ul	96
23) 2-Nitrophenol	9.32	139	108735	20.973	ng/ul	94
24) 2,4-Dimethylphenol	9.39	107	208028	21.226	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.62	93	212484	20.150	ng/ul	96
27) 2,4-Dichlorophenol	9.84	162	178257	19.979	ng/ul	99
28) Naphthalene	10.23	128	568258	19.092	ng/ul	99
30) 4-Chloroaniline	10.35	127	208901	19.877	ng/ul	95
31) Hexachlorobutadiene	10.52	225	132000	18.166	ng/ul	93
32) Caprolactam	11.14	113	44962m	19.728	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	180019	21.249	ng/ul	96
34) 2-Methylnaphthalene	11.85	142	398541	19.534	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	392506	19.626 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	222195	18.689 ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	122849	15.080 ng/ul	96
39) 2,4,6-Trichlorophenol	12.49	196	138668	19.929 ng/ul	98
40) 2,4,5-Trichlorophenol	12.56	196	147362	19.504 ng/ul	95
41) 1,1'-Biphenyl	12.89	154	538459	19.752 ng/ul	99
42) 2-Chloronaphthalene	12.93	162	420822	19.078 ng/ul	97
43) 2-Nitroaniline	13.15	65	89334	20.597 ng/ul	94
45) Dimethylphthalate	13.54	163	513056	18.899 ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	103644	19.499 ng/ul	98
48) Acenaphthylene	13.79	152	623312	18.907 ng/ul	98
49) 3-Nitroaniline	13.99	138	91909	18.900 ng/ul	96
50) Acenaphthene	14.13	153	432835	18.756 ng/ul	98
51) 2,4-Dinitrophenol	14.20	184	52261	16.461 ng/ul	94
53) 4-Nitrophenol	14.31	109	76981	18.024 ng/ul	91
54) Dibenzofuran	14.47	168	626338	18.714 ng/ul	100
55) 2,4-Dinitrotoluene	14.46	165	151131	19.769 ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.71	232	140587	22.286 ng/ul	98
57) Diethylphthalate	14.93	149	538941	19.956 ng/ul	99
59) Fluorene	15.13	166	546756	20.269 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.13	204	289443	20.565 ng/ul	97
61) 4-Nitroaniline	15.16	138	112842	22.656 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.22	198	94348	18.131 ng/ul	95
65) N-Nitrosodiphenylamine	15.35	169	451528	20.849 ng/ul	97
66) 4-Bromophenyl-phenylether	16.03	248	169222	20.547 ng/ul	92
67) Hexachlorobenzene	16.14	284	186156	20.307 ng/ul	97
68) Atrazine	16.32	200	166017	19.684 ng/ul	96
69) Pentachlorophenol	16.49	266	98094	18.668 ng/ul#	78
70) Phenanthrene	16.87	178	813705	18.948 ng/ul	98
72) Anthracene	16.96	178	827991	19.036 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	222854	19.383 ng/uL	99
74) Pentachlorobenzene	14.40	250	206925	18.782 ng/uL	91
75) Carbazole	17.23	167	706117	19.304 ng/ul	98
76) Di-n-butylphthalate	17.82	149	829181	19.940 ng/ul	100
77) Fluoranthene	18.90	202	964948	18.363 ng/ul	98
80) Pyrene	19.26	202	1046112	17.474 ng/ul	99
81) Butylbenzylphthalate	20.20	149	383603	18.994 ng/ul	100
82) 3,3'-Dichlorobenzidine	20.97	252	325978	19.215 ng/ul	95
83) Benzo(a)anthracene	21.03	228	1114781	19.697 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.00	149	609090	19.999 ng/ul	99
85) Chrysene	21.08	228	1051110	18.697 ng/ul	98
87) Di-n-octyl phthalate	21.85	149	1036782	20.063 ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	1066828	19.309 ng/ul	98
89) Benzo(k)fluoranthene	22.58	252	1016808	18.530 ng/ul	95
91) Benzo(a)pyrene	23.07	252	909784	17.871 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.22	276	1138810	17.454 ng/ul	96
93) Dibenzo(a,h)anthracene	25.22	278	957457	17.527 ng/ul	99
94) Benzo(g,h,i)perylene	25.83	276	1016758	18.797 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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