Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011446.D
Acq On : 17 Aug 2020 10:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02060

Quant Time: Aug 17 12:14:54 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	7.43	152	162954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	613983	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	367517	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	761835	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	736067	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	768852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	26101	7.69	ng/uL	0.00
5) Phenol-d5	6.64	99	227695	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	122892	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	206182	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	182014	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	92798	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	107285	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	197020	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	220897	18.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	529643	18.51	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	664303	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	82935	17.11	ng/ul	0.00
58) Fluorene-d10	15.07	176	459185	18.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	86668	17.15	ng/ul	0.00
71) Anthracene-d10	16.92	188	720714	19.80	ng/ul	0.00
79) Pyrene-d10	19.23	212	704748	18.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	782317	18.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	29849	6.822	ng/uL	99
4) Benzaldehyde	6.60	77	156480	20.818	ng/ul	98
6) Phenol	6.66	94	240048	20.433	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.89	93	185447	19.915	ng/ul	93
10) 2-Chlorophenol	7.01	128	210037	19.708	ng/ul	95
11) 2-Methylphenol	7.89	108	177151	19.150	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	108725	21.481	ng/ul	96
14) Acetophenone	8.25	105	285906	18.898	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.24	70	134498	20.521	ng/ul	97
16) 4-Methylphenol	8.21	108	193439	19.748	ng/ul	100
17) Hexachloroethane	8.49	117	94577	19.193	ng/ul	92
20) Nitrobenzene	8.62	77	217452	18.698	ng/ul	98
21) Isophorone	9.14	82	378674	18.503	ng/ul	99
23) 2-Nitrophenol	9.32	139	116219	19.473	ng/ul	98
24) 2,4-Dimethylphenol	9.39	107	218600	19.375	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.62	93	238070	19.611	ng/ul	97
27) 2,4-Dichlorophenol	9.84	162	197547	19.233	ng/ul	96
28) Naphthalene	10.23	128	643137	18.770	ng/ul	99
30) 4-Chloroaniline	10.35	127	226555	18.725	ng/ul	99
31) Hexachlorobutadiene	10.52	225	153480	18.348	ng/ul	96
32) Caprolactam	11.14	113	46830	17.848	ng/ul	92
33) 4-Chloro-3-methylphenol	11.49	107	186798	19.153	ng/ul	92
34) 2-Methylnaphthalene	11.85	142	433441	18.454	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	427529	18.569 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	246922	19.195 ng/ul	95
38) Hexachlorocyclopentadiene	12.21	237	144850	16.433 ng/ul	93
39) 2,4,6-Trichlorophenol	12.48	196	158101	21.000 ng/ul	95
40) 2,4,5-Trichlorophenol	12.56	196	163499	20.000 ng/ul	97
41) 1,1'-Biphenyl	12.89	154	565444	19.170 ng/ul	99
42) 2-Chloronaphthalene	12.93	162	453874	19.017 ng/ul	97
43) 2-Nitroaniline	13.15	65	94872	20.216 ng/ul	95
45) Dimethylphthalate	13.54	163	554015	18.861 ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	109172	18.982 ng/ul	90
48) Acenaphthylene	13.79	152	675630	18.941 ng/ul	99
49) 3-Nitroaniline	13.99	138	95722	18.193 ng/ul	99
50) Acenaphthene	14.13	153	475193	19.031 ng/ul	97
51) 2,4-Dinitrophenol	14.20	184	55398	16.127 ng/ul	93
53) 4-Nitrophenol	14.31	109	83148	17.993 ng/ul	91
54) Dibenzofuran	14.47	168	671824	18.552 ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	159494	19.282 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.71	232	135997	19.925 ng/ul#	97
57) Diethylphthalate	14.93	149	534370	18.287 ng/ul	98
59) Fluorene	15.13	166	552903	18.944 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.13	204	289376	19.002 ng/ul	95
61) 4-Nitroaniline	15.16	138	110932	20.585 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.22	198	94239	17.211 ng/ul	96
65) N-Nitrosodiphenylamine	15.35	169	451627	19.818 ng/ul	98
66) 4-Bromophenyl-phenylether	16.03	248	169707	19.583 ng/ul	97
67) Hexachlorobenzene	16.13	284	184951	19.174 ng/ul	95
68) Atrazine	16.32	200	174728	19.689 ng/ul	98
69) Pentachlorophenol	16.49	266	103600	18.737 ng/ul#	77
70) Phenanthrene	16.87	178	854882	18.919 ng/ul	98
72) Anthracene	16.96	178	906603	19.809 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	237032	19.593 ng/uL	98
74) Pentachlorobenzene	14.39	250	231119	19.936 ng/uL	98
75) Carbazole	17.23	167	728307	18.923 ng/ul	100
76) Di-n-butylphthalate	17.82	149	864374	19.754 ng/ul	98
77) Fluoranthene	18.90	202	936832	16.943 ng/ul	98
80) Pyrene	19.26	202	975186	18.827 ng/ul	100
81) Butylbenzylphthalate	20.20	149	351478	20.114 ng/ul	93
82) 3,3'-Dichlorobenzidine	20.97	252	309687	21.098 ng/ul	97
83) Benzo(a)anthracene	21.03	228	965403	19.714 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	564809	21.434 ng/ul#	98
85) Chrysene	21.08	228	931007	19.140 ng/ul	99
87) Di-n-octyl phthalate	21.85	149	915809	18.217 ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	943258	17.549 ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	975779	18.278 ng/ul	97
91) Benzo(a)pyrene	23.07	252	879119	17.751 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.21	276	1132314	17.838 ng/ul	98
93) Dibenzo(a,h)anthracene	25.22	278	956419	17.997 ng/ul	95
94) Benzo(g,h,i)perylene	25.83	276	1009424	19.182 ng/ul	96

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

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