Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013446.D
Acq On : 21 Jan 2021 09:50
Operator : CG/JU
Sample : SSTD00553
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD005531

Quant Time: Jan 21 12:04:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 21 11:50:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	646490	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2566095	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1403188	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2598071	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	2122401	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	2160092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	31215	1.92	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.12	132	209246	4.68	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.72	128	91255	4.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	84942	4.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	182407	4.56	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.63	166	497882	4.72	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	634849	4.80	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.22	176	448289	4.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.07	188	625525	4.96	ng/ul	0.00
81) Pyrene-d10	19.37	212	592475	4.87	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	520139	4.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	32463	1.937	ng/uL	95
12) 2-Chlorophenol	7.15	128	221043	4.789	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.38	70	127085	4.440	ng/ul	98
19) Hexachloroethane	8.65	117	92143	4.864	ng/ul	98
22) Nitrobenzene	8.76	77	219912	4.877	ng/ul	97
23) Isophorone	9.29	82	343201	4.295	ng/ul	99
25) 2-Nitrophenol	9.47	139	103359	4.446	ng/ul	98
26) 2,4-Dimethylphenol	9.53	107	214437	4.737	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.78	93	263486	4.790	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	191110	4.773	ng/ul	97
30) Naphthalene	10.40	128	732523	5.028	ng/ul	99
33) Hexachlorobutadiene	10.69	225	131147	5.013	ng/ul	96
35) 4-Chloro-3-methylphenol	11.63	107	174837	4.380	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	481535	4.911	ng/ul	97
37) 1-Methylnaphthalene	12.24	142	460728	4.876	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	228163	5.068	ng/ul	97
41) 2,4,6-Trichlorophenol	12.63	196	120840	4.423	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	132563	4.457	ng/ul	95
43) 1,1'-Biphenyl	13.05	154	604651	5.117	ng/ul	100
44) 2-Chloronaphthalene	13.08	162	473244	5.081	ng/ul	96
45) 2-Nitroaniline	13.29	65	86489	4.133	ng/ul	94
47) Dimethylphthalate	13.68	163	529666	4.864	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	13.79	165	88111	4.223	ng/ul	97
50) Acenaphthylene	13.93	152	672627	4.918	ng/ul	99
52) Acenaphthene	14.28	153	490395	5.026	ng/ul	99
56) Dibenzofuran	14.62	168	660351	4.994	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	123823	4.176	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.85	232	97311	4.055	ng/ul	97
59) Diethylphthalate	15.06	149	485429	4.572	ng/ul	99
61) Fluorene	15.27	166	531002	5.038	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	262494	5.102	ng/ul	98
67) N-Nitrosodiphenylamine	15.49	169	425810	5.062	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	142262	4.848	ng/ul	99
69) Hexachlorobenzene	16.27	284	167170	5.039	ng/ul	98
72) Phenanthrene	17.01	178	788271	5.047	ng/ul	99
74) Anthracene	17.10	178	780669	4.957	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	225017	5.365	ng/uL	95
76) Pentachlorobenzene	14.54	250	216376	5.300	ng/uL	97
78) Di-n-butylphthalate	17.96	149	611768	3.956	ng/ul	100
80) Fluoranthene	19.03	202	763260	4.831	ng/ul	100
82) Pyrene	19.40	202	823566	5.058	ng/ul	99
83) Butylbenzylphthalate	20.33	149	193387	3.383	ng/ul	97
85) Benzo(a)anthracene	21.16	228	687913	4.868	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	288091	3.496	ng/ul	98
87) Chrysene	21.21	228	705355	5.065	ng/ul	99
90) Benzo(b)fluoranthene	22.70	252	696748	4.780	ng/ul	96
91) Benzo(k)fluoranthene	22.75	252	662803	4.622	ng/ul	99
93) Benzo(a)pyrene	23.26	252	624720	4.795	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	795945	5.411	ng/ul	98
95) Dibenzo(a,h)anthracene	25.54	278	668195	5.433	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	650665	5.271	ng/ul	96

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

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