Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013447.D
Acq On : 21 Jan 2021 10:26
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD010542

Quant Time: Jan 21 11:55:53 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	518462	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2021599	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1081982	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1932151	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1567278	20.00	ng/ul	0.00
88) Perylene-d12	23.35	264	1594411	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	50986	3.92	ng/uL	0.00
4) Pyridine-d5	3.57	84	314596	9.32	ng/ul	0.00
7) Phenol-d5	6.76	99	387928	9.30	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	239378	9.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	347482	9.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	306157	9.14	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	149171	9.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	145333	8.90	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	296926	9.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	422110	9.27	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	787310	9.67	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	1013204	9.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	127393	8.17	ng/ul	0.00
60) Fluorene-d10	15.22	176	696110	9.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	87511	7.67	ng/ul	0.00
73) Anthracene-d10	17.07	188	930823	9.92	ng/ul	0.00
81) Pyrene-d10	19.37	212	879669	9.80	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	790901	9.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	53899	4.011	ng/uL	98
5) Pyridine	3.59	79	324386	9.514	ng/ul	99
6) Benzaldehyde	6.74	77	170322	10.823	ng/ul	97
8) Phenol	6.79	94	411231	9.567	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.02	93	347497	9.864	ng/ul	97
12) 2-Chlorophenol	7.15	128	355693	9.609	ng/ul	98
13) 2-Methylphenol	8.02	108	300325	9.169	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.12	45	492557	10.017	ng/ul	99
16) Acetophenone	8.39	105	492971	9.701	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.38	70	213166	9.286	ng/ul	98
18) 4-Methylphenol	8.35	108	334514	9.487	ng/ul	99
19) Hexachloroethane	8.65	117	147781	9.728	ng/ul	97
22) Nitrobenzene	8.76	77	352031	9.910	ng/ul	97
23) Isophorone	9.29	82	577105	9.168	ng/ul	98
25) 2-Nitrophenol	9.47	139	172804	9.436	ng/ul	96
26) 2,4-Dimethylphenol	9.54	107	345843	9.698	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	428485	9.888	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	309642	9.816	ng/ul	98
30) Naphthalene	10.40	128	1158160	10.091	ng/ul	99
32) 4-Chloroaniline	10.50	127	416703	9.489	ng/ul	98
33) Hexachlorobutadiene	10.69	225	203985	9.898	ng/ul	97
34) Caprolactam	11.26	113	61700	6.735	ng/ul	96

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35) 4-Chloro-3-methylphenol	11.63	107	283721	9.022	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	753792	9.758	ng/ul	98
37) 1-Methylnaphthalene	12.24	142	722082	9.700	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	363089	10.460	ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	201191	9.391	ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	197170	9.360	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	225054	9.813	ng/ul	97
43) 1,1'-Biphenyl	13.05	154	935685	10.270	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	736199	10.251	ng/ul	99
45) 2-Nitroaniline	13.29	65	146593	9.084	ng/ul	95
47) Dimethylphthalate	13.68	163	834672	9.941	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	145399	9.038	ng/ul	100
50) Acenaphthylene	13.93	152	1064805	10.097	ng/ul	99
51) 3-Nitroaniline	14.12	138	130665	8.752	ng/ul	97
52) Acenaphthene	14.28	153	765386	10.174	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	54430	6.043	ng/ul	93
55) 4-Nitrophenol	14.43	109	96159	8.603	ng/ul	100
56) Dibenzofuran	14.62	168	1024675	10.050	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	206896	9.048	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	162440	8.778	ng/ul	97
59) Diethylphthalate	15.06	149	766484	9.363	ng/ul	99
61) Fluorene	15.27	166	807024	9.930	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.27	204	400020	10.083	ng/ul	99
63) 4-Nitroaniline	15.29	138	124085	9.341	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.35	198	100151	8.101	ng/ul#	96
67) N-Nitrosodiphenylamine	15.49	169	656664	10.498	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	217980	9.989	ng/ul	98
69) Hexachlorobenzene	16.27	284	253922	10.292	ng/ul	99
70) Atrazine	16.45	200	189654	9.082	ng/ul	99
71) Pentachlorophenol	16.62	266	102354	7.334	ng/ul	100
72) Phenanthrene	17.01	178	1181933	10.175	ng/ul	100
74) Anthracene	17.10	178	1195495	10.207	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	351936	11.283	ng/uL	98
76) Pentachlorobenzene	14.54	250	327336	10.782	ng/uL	99
77) Carbazole	17.37	167	970728	10.083	ng/ul	98
78) Di-n-butylphthalate	17.96	149	966552	8.404	ng/ul	100
80) Fluoranthene	19.03	202	1132189	9.705	ng/ul	98
82) Pyrene	19.40	202	1209913	10.064	ng/ul	98
83) Butylbenzylphthalate	20.33	149	319431	7.567	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.10	252	222979	7.592	ng/ul	98
85) Benzo(a)anthracene	21.16	228	1021485	9.789	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	485736	7.983	ng/ul	100
87) Chrysene	21.21	228	1032634	10.042	ng/ul	98
89) Di-n-octyl phthalate	21.98	149	765293	7.353	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	988484	9.187	ng/ul	96
91) Benzo(k)fluoranthene	22.75	252	1044989	9.872	ng/ul	99
93) Benzo(a)pyrene	23.26	252	936674	9.740	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.53	276	1217130	11.210	ng/ul	99
95) Dibenzo(a,h)anthracene	25.54	278	1018793	11.223	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	1000913	10.986	ng/ul	95

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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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