Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042121\
Data File : BN014341.D
Acq On : 20 Apr 2021 13:34
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16051

Quant Time: Apr 20 15:16:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 15:09:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	201402	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	817594	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.33	164	482714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	989870	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	940900	20.00	ng/ul	0.01
85) Perylene-d12	23.51	264	1011722	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	279735	54.29	ng/uL	0.00
5) Phenol-d5	6.88	99	2695114	174.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.04	67	1505976	162.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.24	132	2188009	185.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.41	113	2020443	174.82	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	1030715	175.06	ng/ul	0.02
22) 2-Nitrophenol-d4	9.57	143	1112086	212.26	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.10	165	2043010	185.38	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	1825078	138.04	ng/ul	0.02
44) Dimethylphthalate-d6	13.76	166	5159462	162.29	ng/ul	0.02
47) Acenaphthylene-d8	14.03	160	6669341	156.15	ng/ul	0.01
52) 4-Nitrophenol-d4	14.56	143	1049382	179.45	ng/ul	0.04
58) Fluorene-d10	15.33	176	4255274	149.21	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.47	200	941436	200.36	ng/ul	0.03
71) Anthracene-d10	17.19	188	6376744	145.68	ng/ul	0.02
78) Pyrene-d10	19.49	212	6860459	159.71	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.38	264	8005950	161.14	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	284980	54.493	ng/uL	97
4) Benzaldehyde	6.85	77	610027	93.529	ng/ul	98
6) Phenol	6.91	94	2807218	168.248	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	2123740	161.992	ng/ul	97
10) 2-Chlorophenol	7.27	128	2270826	176.440	ng/ul	98
11) 2-Methylphenol	8.14	108	2066631	173.893	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	2258390	158.910	ng/ul	97
14) Acetophenone	8.53	105	3111939	156.533	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	1524978	161.987	ng/ul	96
16) 4-Methylphenol	8.49	108	2193372	169.213	ng/ul	96
17) Hexachloroethane	8.77	117	908705	158.989	ng/ul	94
20) Nitrobenzene	8.90	77	2406281	159.387	ng/ul	99
21) Isophorone	9.43	82	4351195	176.475	ng/ul	98
23) 2-Nitrophenol	9.60	139	1192449	190.991	ng/ul	97
24) 2,4-Dimethylphenol	9.67	107	2326963	168.488	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.90	93	2704356	162.525	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	2006782	172.216	ng/ul	99
28) Naphthalene	10.53	128	6413297	150.876	ng/ul	99
30) 4-Chloroaniline	10.64	127	1879284	135.224	ng/ul	100
31) Hexachlorobutadiene	10.82	225	1264825	157.145	ng/ul	98
32) Caprolactam	11.46	113	369833	115.973	ng/ul	99
33) 4-Chloro-3-methylphenol	11.78	107	2069536	188.175	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	4420063	152.241	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	4312010	153.816 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	2210010	145.228 ng/ul	97
38) Hexachlorocyclopentadiene	12.50	237	1488283	162.681 ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	1543081	191.975 ng/ul	98
40) 2,4,5-Trichlorophenol	12.84	196	1645881	179.201 ng/ul	98
41) 1,1'-Biphenyl	13.17	154	5301016	142.859 ng/ul	96
42) 2-Chloronaphthalene	13.21	162	4282351	147.615 ng/ul	95
43) 2-Nitroaniline	13.42	65	1288401	190.494 ng/ul	92
45) Dimethylphthalate	13.80	163	5204846	157.171 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	1194327	195.761 ng/ul	91
48) Acenaphthylene	14.06	152	6269131	149.578 ng/ul	98
49) 3-Nitroaniline	14.25	138	1072176	163.970 ng/ul	97
50) Acenaphthene	14.40	153	4394251	144.559 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	710920	225.439 ng/ul	92
53) 4-Nitrophenol	14.58	109	848844	167.798 ng/ul	95
54) Dibenzofuran	14.74	168	6041341	141.350 ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	1646261	187.774 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.97	232	1352603	190.151 ng/ul	97
57) Diethylphthalate	15.18	149	5264862	165.091 ng/ul	97
59) Fluorene	15.39	166	4101971	120.006 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.39	204	2014070	118.274 ng/ul	94
61) 4-Nitroaniline	15.44	138	1281914	174.140 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.49	198	956016	194.689 ng/ul#	92
65) N-Nitrosodiphenylamine	15.60	169	4141336	146.932 ng/ul	98
66) 4-Bromophenyl-phenylether	16.28	248	1605742	163.185 ng/ul	97
67) Hexachlorobenzene	16.39	284	1787034	153.359 ng/ul	97
68) Atrazine	16.57	200	1611323	167.924 ng/ul	96
69) Pentachlorophenol	16.73	266	1176874	194.800 ng/ul	93
70) Phenanthrene	17.13	178	7439660	138.356 ng/ul	98
72) Anthracene	17.22	178	7365523	135.798 ng/ul	98
73) Pentachlorobenzene	14.66	250	2097082	144.876 ng/uL	96
74) Carbazole	17.49	167	7060226	149.736 ng/ul	98
75) Di-n-butylphthalate	18.06	149	8325037	168.390 ng/ul	98
76) Fluoranthene	19.15	202	8230373	140.587 ng/ul#	94
79) Pyrene	19.52	202	7974106	140.710 ng/ul	95
80) Butylbenzylphthalate	20.42	149	3919602	220.012 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	2140527	145.294 ng/ul	99
82) Benzo(a)anthracene	21.26	228	8099690	143.971 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.20	149	4450063	156.289 ng/ul#	97
84) Chrysene	21.32	228	7409927	135.850 ng/ul	96
86) Di-n-octyl phthalate	22.08	149	9259237	168.760 ng/ul	100
87) Benzo(b)fluoranthene	22.85	252	9794076	161.499 ng/ul	98
88) Benzo(k)fluoranthene	22.90	252	7853140	129.373 ng/ul	99
90) Benzo(a)pyrene	23.43	252	8045972	144.910 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.79	276	7275655	99.881 ng/ul	98
92) Dibenzo(a,h)anthracene	25.81	278	8402218	136.978 ng/ul	99
93) Benzo(g,h,i)perylene	26.49	276	9653895	162.204 ng/ul	99

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

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