Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102220\
Data File : BN012390.D
Acq On : 22 Oct 2020 16:52
Operator : CG/JU
Sample : SSTD16054
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16054

Quant Time: Oct 22 17:28:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 15:51:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	147644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	614952	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	404371	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	906879	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	913276	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	939215	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	246095	76.78	ng/uL	0.00
5) Phenol-d5	6.78	99	2199464	165.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1221534	154.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	1734100	167.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1775557	166.55	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	860910	166.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	995369	169.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1781716	169.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	1821727	141.08	ng/ul	0.01
44) Dimethylphthalate-d6	13.66	166	5370358	163.66	ng/ul	0.02
47) Acenaphthylene-d8	13.92	160	6566363	166.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	1092601	174.40	ng/ul	0.03
58) Fluorene-d10	15.23	176	4621989	164.80	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.37	200	1067531	168.01	ng/ul	0.02
71) Anthracene-d10	17.09	188	7239129	162.46	ng/ul	0.01
79) Pyrene-d10	19.39	212	7799774	157.96	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	8624321	159.06	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	262477	69.274	ng/uL	93
4) Benzaldehyde	6.74	77	1227080	161.282	ng/ul	90
6) Phenol	6.80	94	2237918	160.899	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	1670737	154.217	ng/ul	99
10) 2-Chlorophenol	7.16	128	1758835	163.287	ng/ul	99
11) 2-Methylphenol	8.03	108	1698073	164.333	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	2154423	149.610	ng/ul	98
14) Acetophenone	8.41	105	2656384	160.975	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	1392154	160.912	ng/ul	96
16) 4-Methylphenol	8.38	108	1809110	161.736	ng/ul	97
17) Hexachloroethane	8.65	117	746008	158.228	ng/ul	98
20) Nitrobenzene	8.79	77	2187939	161.143	ng/ul	97
21) Isophorone	9.32	82	3868782	159.496	ng/ul	99
23) 2-Nitrophenol	9.49	139	1031225	163.769	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	2082308	163.833	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	2270536	153.424	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	1720009	164.272	ng/ul	98
28) Naphthalene	10.41	128	5756538	161.157	ng/ul	98
30) 4-Chloroaniline	10.53	127	1708437	132.839	ng/ul	100
31) Hexachlorobutadiene	10.69	225	1048249	156.820	ng/ul	93
32) Caprolactam	11.35	113	312905	92.308	ng/ul	98
33) 4-Chloro-3-methylphenol	11.67	107	2014911	169.902	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	4083737	166.120	ng/ul	97

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35) 1-Methylnaphthalene	12.25	142	4794285	197.217 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	1951385	154.473 ng/ul	98
38) Hexachlorocyclopentadiene	12.38	237	1369810	158.581 ng/ul	96
39) 2,4,6-Trichlorophenol	12.65	196	1441857	166.110 ng/ul	95
40) 2,4,5-Trichlorophenol	12.73	196	1531357	169.010 ng/ul	95
41) 1,1'-Biphenyl	13.06	154	5157110	151.352 ng/ul	97
42) 2-Chloronaphthalene	13.10	162	4247632	159.075 ng/ul	97
43) 2-Nitroaniline	13.32	65	1422482	173.420 ng/ul	98
45) Dimethylphthalate	13.70	163	5312381	155.322 ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	1216982	173.001 ng/ul	95
48) Acenaphthylene	13.96	152	6495823	158.325 ng/ul	99
49) 3-Nitroaniline	14.15	138	955320	150.382 ng/ul	96
50) Acenaphthene	14.30	153	4633369	160.317 ng/ul	98
51) 2,4-Dinitrophenol	14.36	184	808585	183.061 ng/ul	94
53) 4-Nitrophenol	14.48	109	932936	173.810 ng/ul	93
54) Dibenzofuran	14.64	168	6275390	159.518 ng/ul	100
55) 2,4-Dinitrotoluene	14.62	165	1717146	170.423 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.86	232	1315767	168.615 ng/ul	97
57) Diethylphthalate	15.07	149	5599478	161.531 ng/ul	99
59) Fluorene	15.29	166	5409057	163.481 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.29	204	2584682	160.083 ng/ul	94
61) 4-Nitroaniline	15.33	138	1104501	161.570 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.39	198	1125217	163.034 ng/ul#	99
65) N-Nitrosodiphenylamine	15.50	169	4500070	153.396 ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	1640247	162.086 ng/ul	93
67) Hexachlorobenzene	16.29	284	1884020	154.338 ng/ul	93
68) Atrazine	16.47	200	1711315	157.106 ng/ul	98
69) Pentachlorophenol	16.63	266	1259235	169.842 ng/ul	93
70) Phenanthrene	17.03	178	8577875	153.825 ng/ul	98
72) Anthracene	17.12	178	8648474	154.145 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	1988447	152.396 ng/uL	96
74) Pentachlorobenzene	14.56	250	2030147	151.476 ng/uL	97
75) Carbazole	17.39	167	7731368	155.454 ng/ul	99
76) Di-n-butylphthalate	17.96	149	10087877	157.195 ng/ul	98
77) Fluoranthene	19.05	202	10282808	160.771 ng/ul	97
80) Pyrene	19.42	202	10151074	147.034 ng/ul	98
81) Butylbenzylphthalate	20.33	149	4800694	155.157 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.11	252	3222437	138.680 ng/ul	87
83) Benzo(a)anthracene	21.17	228	9571974	152.735 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.11	149	7151766	150.527 ng/ul	99
85) Chrysene	21.23	228	9047430	147.289 ng/ul	95
87) Di-n-octyl phthalate	21.97	149	10940216	140.181 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	10266358	155.630 ng/ul	99
89) Benzo(k)fluoranthene	22.77	252	10142006	158.353 ng/ul	98
91) Benzo(a)pyrene	23.28	252	9479498	156.788 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.57	276	11989377	155.682 ng/ul	94
93) Dibenzo(a,h)anthracene	25.57	278	10034122	154.109 ng/ul	98
94) Benzo(g,h,i)perylene	26.22	276	9907598	154.659 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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