Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071520\
Data File : BN011174.D
Acq On : 15 Jul 2020 13:51
Operator : CG/JU
Sample : SSTD16052
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16052

Quant Time: Jul 15 14:21:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 13:28:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	144560	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.23	136	651940	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	404465	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	948721	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1249335	20.00	ng/ul	0.01
86) Perylene-d12	23.24	264	1292461	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	221570	58.56	ng/uL	-0.01
5) Phenol-d5	6.69	99	2030293	177.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	992532	160.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	1639181	163.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	1603016	168.93	ng/ul	0.01
19) Nitrobenzene-d5	8.63	128	800522	151.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	934892	166.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	1714341	157.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	1249994	108.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	5036507	153.56	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	6056249	155.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	1057306	180.78	ng/ul	0.03
58) Fluorene-d10	15.13	176	4460625	153.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	1066570	183.02	ng/ul	0.02
71) Anthracene-d10	16.99	188	7023776	152.08	ng/ul	0.01
79) Pyrene-d10	19.29	212	8277705	132.88	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.12	264	10688135	152.63	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	232709	58.307	ng/uL	96
4) Benzaldehyde	6.65	77	665586	127.317	ng/ul	100
6) Phenol	6.72	94	2191392	174.952	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	1522056	163.421	ng/ul	96
10) 2-Chlorophenol	7.06	128	1744848	160.113	ng/ul	95
11) 2-Methylphenol	7.93	108	1600163	170.448	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	956611	150.586	ng/ul	96
14) Acetophenone	8.30	105	2664916	164.911	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.32	70	1286842	155.715	ng/ul	98
16) 4-Methylphenol	8.28	108	1736338	167.891	ng/ul	98
17) Hexachloroethane	8.54	117	705537	148.766	ng/ul	97
20) Nitrobenzene	8.68	77	1951768	141.974	ng/ul	97
21) Isophorone	9.21	82	3676932	156.499	ng/ul	99
23) 2-Nitrophenol	9.38	139	1016683	160.556	ng/ul	95
24) 2,4-Dimethylphenol	9.45	107	2007526	152.037	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	2080217	146.291	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	1732635	152.346	ng/ul	99
28) Naphthalene	10.29	128	5691528	148.925	ng/ul	99
30) 4-Chloroaniline	10.40	127	1322270	109.872	ng/ul	98
31) Hexachlorobutadiene	10.58	225	1119289	142.136	ng/ul	98
32) Caprolactam	11.23	113	302920	99.078	ng/ul	95
33) 4-Chloro-3-methylphenol	11.56	107	1899628	155.716	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	3962252	142.972	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	3692064	143.394	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	2103764	151.891	ng/ul	94
38) Hexachlorocyclopentadiene	12.27	237	1478239	174.012	ng/ul	99
39) 2,4,6-Trichlorophenol	12.55	196	1429257	162.135	ng/ul	98
40) 2,4,5-Trichlorophenol	12.62	196	1570290	159.005	ng/ul	93
41) 1,1'-Biphenyl	12.95	154	5055039	147.184	ng/ul	100
42) 2-Chloronaphthalene	12.99	162	3983455	146.184	ng/ul	97
43) 2-Nitroaniline	13.20	65	1147903	166.371	ng/ul	91
45) Dimethylphthalate	13.60	163	5197854	150.005	ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	1139057	165.891	ng/ul	98
48) Acenaphthylene	13.85	152	6214748	151.189	ng/ul	97
49) 3-Nitroaniline	14.05	138	1072071	169.983	ng/ul	99
50) Acenaphthene	14.19	153	4386794	151.945	ng/ul	95
51) 2,4-Dinitrophenol	14.26	184	834409	211.311	ng/ul	91
53) 4-Nitrophenol	14.39	109	941183	166.322	ng/ul	91
54) Dibenzofuran	14.53	168	6132409	148.223	ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	1715104	171.165	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	1353798	164.058	ng/ul	100
57) Diethylphthalate	14.99	149	5439145	159.348	ng/ul	98
59) Fluorene	15.19	166	5186463	148.858	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.19	204	2607876	149.659	ng/ul	94
61) 4-Nitroaniline	15.24	138	1265094	169.241	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.29	198	1104059	183.456	ng/ul#	96
65) N-Nitrosodiphenylamine	15.41	169	4499838	151.055	ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	1685237	161.536	ng/ul	92
67) Hexachlorobenzene	16.19	284	1922037	166.027	ng/ul	97
68) Atrazine	16.38	200	1655211	164.814	ng/ul	99
69) Pentachlorophenol	16.54	266	1245061	181.595	ng/ul#	85
70) Phenanthrene	16.93	178	8562916	149.065	ng/ul	97
72) Anthracene	17.02	178	8675680	148.733	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	2074161	148.617	ng/uL	94
74) Pentachlorobenzene	14.45	250	2052825	153.223	ng/uL	95
75) Carbazole	17.29	167	8134449	163.392	ng/ul	99
76) Di-n-butylphthalate	17.87	149	9939593	167.656	ng/ul	99
77) Fluoranthene	18.96	202	10613050	163.725	ng/ul	100
80) Pyrene	19.32	202	10623659	126.113	ng/ul	98
81) Butylbenzylphthalate	20.25	149	5051117	157.147	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.03	252	4570657	174.901	ng/ul	96
83) Benzo(a)anthracene	21.09	228	12242224	138.883	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	8685681	169.988	ng/ul#	95
85) Chrysene	21.09	228	12242224	144.400	ng/ul	97
87) Di-n-octyl phthalate	21.90	149	12169996	146.119	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	12875844	145.307	ng/ul	98
89) Benzo(k)fluoranthene	22.67	252	12556694	140.800	ng/ul	96
91) Benzo(a)pyrene	23.17	252	11754957	150.412	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.36	276	15051897	162.793	ng/ul	95
93) Dibenzo(a,h)anthracene	25.37	278	12897568	166.151	ng/ul	97
94) Benzo(g,h,i)perylene	26.00	276	12134133	162.459	ng/ul	99

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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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