Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010620\
Data File : BN009314.D
Acq On : 06 Jan 2020 16:52
Operator : JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD160511

Quant Time: Jan 06 17:27:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:00:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	244060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1100022	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	724792	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1544124	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1278894	20.00	ng/ul	0.02
86) Perylene-d12	23.20	264	1157164	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	344812	62.41	ng/uL	0.00
5) Phenol-d5	6.70	99	3715765	160.80	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.85	67	2340043	168.84	ng/ul	0.01
9) 2-Chlorophenol-d4	7.03	132	2771497	168.16	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	2958074	156.59	ng/ul	0.02
19) Nitrobenzene-d5	8.64	128	1399184	177.01	ng/ul	0.02
22) 2-Nitrophenol-d4	9.35	143	1619763	186.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.89	165	2873933	170.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	2807880	136.83	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	8426572	157.22	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	10198850	158.81	ng/ul	0.02
52) 4-Nitrophenol-d4	14.39	143	1705908	177.27	ng/ul	0.05
58) Fluorene-d10	15.13	176	7285930	155.07	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.29	200	1711562	181.70	ng/ul	0.04
71) Anthracene-d10	16.99	188	10911108	155.30	ng/ul	0.02
79) Pyrene-d10	19.29	212	11592346	190.29	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.09	264	9731289	169.30	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	359872	58.805	ng/uL	97
4) Benzaldehyde	6.65	77	1335855	89.419	ng/ul	96
6) Phenol	6.73	94	3811129	159.712	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.94	93	2871554	155.301	ng/ul	96
10) 2-Chlorophenol	7.07	128	2792100	165.177	ng/ul	96
11) 2-Methylphenol	7.95	108	2874538	162.017	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.03	45	6369106	299.082	ng/ul	98
14) Acetophenone	8.32	105	4378960	153.715	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.34	70	2418077	153.649	ng/ul	95
16) 4-Methylphenol	8.30	108	3053687	155.027	ng/ul	93
17) Hexachloroethane	8.55	117	1172824	168.097	ng/ul	97
20) Nitrobenzene	8.69	77	3650474	166.146	ng/ul	95
21) Isophorone	9.23	82	6966903	169.646	ng/ul	99
23) 2-Nitrophenol	9.38	139	1651564	172.612	ng/ul	99
24) 2,4-Dimethylphenol	9.46	107	3442368	166.781	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	4091266	160.362	ng/ul	98
27) 2,4-Dichlorophenol	9.92	162	2766822	167.321	ng/ul	96
28) Naphthalene	10.30	128	8988686	155.936	ng/ul	100
30) 4-Chloroaniline	10.42	127	2794088	134.905	ng/ul	99
31) Hexachlorobutadiene	10.59	225	1734857	169.708	ng/ul	97
32) Caprolactam	11.27	113	598169	95.731	ng/ul	96
33) 4-Chloro-3-methylphenol	11.57	107	3409516	171.828	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	6413157	155.648	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	6384151	151.803 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	3287917	167.811 ng/ul	98
38) Hexachlorocyclopentadiene	12.28	237	2350492	266.248 ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	2335276	180.220 ng/ul	95
40) 2,4,5-Trichlorophenol	12.63	196	2470327	176.845 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	8240332	152.312 ng/ul	96
42) 2-Chloronaphthalene	12.99	162	6597662	155.217 ng/ul	98
43) 2-Nitroaniline	13.22	65	2743451	220.136 ng/ul	98
45) Dimethylphthalate	13.61	163	8412915	151.035 ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	1951193	177.826 ng/ul	95
48) Acenaphthylene	13.85	152	10292032	150.949 ng/ul	97
49) 3-Nitroaniline	14.06	138	1574659	151.211 ng/ul	100
50) Acenaphthene	14.19	153	7086764	151.167 ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	1342209	217.677 ng/ul	92
53) 4-Nitrophenol	14.40	109	1402207	182.734 ng/ul	93
54) Dibenzofuran	14.54	168	9462687	145.192 ng/ul	99
55) 2,4-Dinitrotoluene	14.53	165	2660355	160.549 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.77	232	2223008	176.032 ng/ul	95
57) Diethylphthalate	14.99	149	8745133	154.420 ng/ul	96
59) Fluorene	15.19	166	7795753	141.643 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.19	204	4012330	149.918 ng/ul	94
61) 4-Nitroaniline	15.25	138	1695770	147.478 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.30	198	1770422	175.969 ng/ul#	98
65) N-Nitrosodiphenylamine	15.41	169	7014932	156.247 ng/ul	96
66) 4-Bromophenyl-phenylether	16.08	248	2625718	159.976 ng/ul	94
67) Hexachlorobenzene	16.20	284	2880562	143.332 ng/ul	92
68) Atrazine	16.39	200	2674587	160.261 ng/ul	99
69) Pentachlorophenol	16.54	266	1907656	181.140 ng/ul	94
70) Phenanthrene	16.93	178	12810057	148.184 ng/ul	98
72) Anthracene	17.02	178	12298190	141.507 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	3370046	173.898 ng/uL	99
74) Pentachlorobenzene	14.46	250	3218844	150.813 ng/uL	97
75) Carbazole	17.29	167	11339376	151.884 ng/ul	99
76) Di-n-butylphthalate	17.86	149	13190719	147.320 ng/ul	96
77) Fluoranthene	18.95	202	13874024	147.250 ng/ul#	93
80) Pyrene	19.32	202	13261726	158.840 ng/ul#	87
81) Butylbenzylphthalate	20.23	149	6900904	209.802 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.01	252	4070908	143.392 ng/ul	100
83) Benzo(a)anthracene	21.07	228	13054779	160.216 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.03	149	9538316	194.591 ng/ul#	95
85) Chrysene	21.07	228	13054779	163.458 ng/ul	97
87) Di-n-octyl phthalate	21.87	149	13014422	208.158 ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	12499731	180.532 ng/ul	97
89) Benzo(k)fluoranthene	22.63	252	11181143	164.585 ng/ul	98
91) Benzo(a)pyrene	23.13	252	10602032	169.265 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.31	276	7874228	104.695 ng/ul	98
93) Dibenzo(a,h)anthracene	25.33	278	9465821	150.117 ng/ul	95
94) Benzo(g,h,i)perylene	25.96	276	9055070	147.456 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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