Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009419.D
Acq On : 22 Jan 2020 12:59
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16051

Quant Time: Jan 22 14:53:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	150114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	643052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	403401	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	857583	20.00	ng/ul	0.00
77) Chrysene-d12	21.07	240	777893	20.00	ng/ul	0.01
85) Perylene-d12	23.19	264	827682	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	229804	63.31	ng/uL	-0.01
5) Phenol-d5	6.66	99	2236625	167.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1484824	157.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	1687273	173.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	1727474	163.04	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	824107	176.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	933127	190.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	1667722	171.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	1535783	130.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	4710824	157.79	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	5747691	162.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	950828	171.14	ng/ul	0.03
57) Fluorene-d10	15.10	176	4089064	156.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	945029	181.97	ng/ul	0.02
70) Anthracene-d10	16.96	188	6260430	157.79	ng/ul	0.01
78) Pyrene-d10	19.26	212	6836626	163.35	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.07	264	7034982	168.38	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	239662	59.323	ng/uL	97
4) Benzaldehyde	6.62	77	645859	89.157	ng/ul	96
6) Phenol	6.69	94	2322512	166.535	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.91	93	1769568	158.211	ng/ul	98
10) 2-Chlorophenol	7.03	128	1705527	168.673	ng/ul	98
11) 2-Methylphenol	7.91	108	1713886	166.415	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	4359908	148.360	ng/ul	100
14) Acetophenone	8.28	105	2674337	156.232	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	1473139	158.470	ng/ul	93
16) 4-Methylphenol	8.26	108	1805515	160.084	ng/ul	97
17) Hexachloroethane	8.51	117	749535	160.016	ng/ul	98
20) Nitrobenzene	8.65	77	2240325	162.858	ng/ul	99
21) Isophorone	9.19	82	4094669	167.824	ng/ul	99
23) 2-Nitrophenol	9.35	139	976721	180.775	ng/ul	97
24) 2,4-Dimethylphenol	9.43	107	2037124	164.312	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	2395235	160.329	ng/ul	99
27) 2,4-Dichlorophenol	9.88	162	1610955	169.123	ng/ul	98
28) Naphthalene	10.26	128	5416087	156.511	ng/ul	98
30) 4-Chloroaniline	10.39	127	1538986	130.014	ng/ul	99
31) Hexachlorobutadiene	10.55	225	1037355	158.686	ng/ul	99
32) Caprolactam	11.20	113	320167	97.780	ng/ul	95
33) 4-Chloro-3-methylphenol	11.53	107	1929076	166.901	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	3763566	157.978	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	1921364	164.779 ng/ul	96
37) Hexachlorocyclopentadiene	12.25	237	1315165	185.148 ng/ul	100
38) 2,4,6-Trichlorophenol	12.52	196	1305635	181.154 ng/ul	96
39) 2,4,5-Trichlorophenol	12.60	196	1376807	173.633 ng/ul	98
40) 1,1'-Biphenyl	12.93	154	4806552	157.354 ng/ul	100
41) 2-Chloronaphthalene	12.96	162	3840791	159.247 ng/ul	97
42) 2-Nitroaniline	13.19	65	1602521	181.959 ng/ul	98
44) Dimethylphthalate	13.58	163	4790163	155.847 ng/ul	100
45) 2,6-Dinitrotoluene	13.70	165	1078099	184.350 ng/ul	92
47) Acenaphthylene	13.82	152	6123926	160.134 ng/ul	99
48) 3-Nitroaniline	14.02	138	886747	162.418 ng/ul	98
49) Acenaphthene	14.17	153	4073134	156.119 ng/ul	99
50) 2,4-Dinitrophenol	14.24	184	699167	205.935 ng/ul	84
52) 4-Nitrophenol	14.37	109	829453	161.279 ng/ul	93
53) Dibenzofuran	14.51	168	5544114	152.946 ng/ul	100
54) 2,4-Dinitrotoluene	14.50	165	1510452	173.159 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.75	232	1205461	177.908 ng/ul#	94
56) Diethylphthalate	14.96	149	4923545	156.633 ng/ul	99
58) Fluorene	15.16	166	4696238	154.614 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.16	204	2341537	156.387 ng/ul	94
60) 4-Nitroaniline	15.21	138	1019626	164.528 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.27	198	954698	172.713 ng/ul#	98
64) N-Nitrosodiphenylamine	15.38	169	3976771	156.612 ng/ul	98
65) 4-Bromophenyl-phenylether	16.06	248	1424522	164.813 ng/ul	97
66) Hexachlorobenzene	16.17	284	1572317	163.984 ng/ul	98
67) Atrazine	16.36	200	1489617	160.338 ng/ul	98
68) Pentachlorophenol	16.52	266	1011902	181.559 ng/ul	89
69) Phenanthrene	16.90	178	7329119	151.463 ng/ul	98
71) Anthracene	16.99	178	7512115	152.475 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.89	216	1895024	161.346 ng/uL	96
73) Pentachlorobenzene	14.43	250	1797837	157.463 ng/uL	96
74) Carbazole	17.27	167	6569397	155.752 ng/ul	99
75) Di-n-butylphthalate	17.85	149	8735439	169.526 ng/ul	99
76) Fluoranthene	18.93	202	8631004	155.596 ng/ul	99
79) Pyrene	19.29	202	8712802	154.689 ng/ul	97
80) Butylbenzylphthalate	20.22	149	4066089	187.053 ng/ul	98
81) 3,3'-Dichlorobenzidine	20.99	252	2711609	165.378 ng/ul	97
82) Benzo(a)anthracene	21.05	228	8364546	157.901 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.01	149	5870630	178.045 ng/ul#	99
84) Chrysene	21.11	228	7899998	153.091 ng/ul	97
86) Di-n-octyl phthalate	21.87	149	9912578	167.430 ng/ul	100
87) Benzo(b)fluoranthene	22.57	252	8742986	167.063 ng/ul	98
88) Benzo(k)fluoranthene	22.62	252	8069127	156.809 ng/ul	100
90) Benzo(a)pyrene	23.11	252	7869735	167.530 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.30	276	9620820	168.998 ng/ul	99
92) Dibenzo(a,h)anthracene	25.30	278	8193366	170.591 ng/ul	98
93) Benzo(g,h,i)perylene	25.92	276	7876853	166.345 ng/ul	98

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

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