Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008537.D
Acq On : 14 Nov 2019 00:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02060

Quant Time: Nov 14 03:29:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 15:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	326784	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1435309	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	951089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1953083	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1864472	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	2119363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	59702	7.41	ng/uL	0.00
5) Phenol-d5	6.81	99	581664	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	364818	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	433797	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	456310	20.48	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	194204	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	191764	20.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	470412	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	573190	20.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1433988	19.05	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1659983	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	231150	19.81	ng/ul	0.00
57) Fluorene-d10	15.26	176	1190451	19.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	147571	19.79	ng/ul	0.00
70) Anthracene-d10	17.10	188	1840024	19.88	ng/ul	0.00
78) Pyrene-d10	19.40	212	2079137	19.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2081499	18.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	62325	7.658	ng/uL	98
4) Benzaldehyde	6.78	77	284320	17.315	ng/ul	96
6) Phenol	6.84	94	620483	20.961	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	473406	20.849	ng/ul	98
10) 2-Chlorophenol	7.20	128	475857	21.088	ng/ul	100
11) 2-Methylphenol	8.07	108	460424	20.741	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	825101	22.041	ng/ul	99
14) Acetophenone	8.45	105	771220	21.460	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	401087	21.320	ng/ul	95
16) 4-Methylphenol	8.40	108	512695	21.379	ng/ul	97
17) Hexachloroethane	8.70	117	193216	20.003	ng/ul	98
20) Nitrobenzene	8.82	77	565189	21.012	ng/ul	96
21) Isophorone	9.34	82	1138610	20.052	ng/ul	98
23) 2-Nitrophenol	9.52	139	225197	21.725	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	590894	20.002	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	670172	20.238	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	473960	20.827	ng/ul	99
28) Naphthalene	10.45	128	1505467	19.935	ng/ul	99
30) 4-Chloroaniline	10.55	127	608798	21.683	ng/ul	98
31) Hexachlorobutadiene	10.75	225	307649	20.017	ng/ul	99
32) Caprolactam	11.29	113	145529	19.225	ng/ul	95
33) 4-Chloro-3-methylphenol	11.68	107	546892	20.215	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1132355	20.417	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	585328	20.185 ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	439932	25.576 ng/ul	98
38) 2,4,6-Trichlorophenol	12.68	196	377896	21.207 ng/ul	100
39) 2,4,5-Trichlorophenol	12.75	196	399366	20.970 ng/ul	97
40) 1,1'-Biphenyl	13.09	154	1480252	20.203 ng/ul	100
41) 2-Chloronaphthalene	13.13	162	1129343	20.098 ng/ul	98
42) 2-Nitroaniline	13.32	65	340119	22.521 ng/ul	98
44) Dimethylphthalate	13.73	163	1453197	19.938 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	255282	23.280 ng/ul	86
47) Acenaphthylene	13.97	152	1760963	20.315 ng/ul	100
48) 3-Nitroaniline	14.15	138	238498	20.870 ng/ul#	97
49) Acenaphthene	14.32	153	1208903	20.247 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	103926	20.641 ng/ul	98
52) 4-Nitrophenol	14.47	109	236803	20.671 ng/ul	94
53) Dibenzofuran	14.66	168	1739736	20.164 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	357770	22.130 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	333541	21.246 ng/ul	96
56) Diethylphthalate	15.10	149	1495595	19.948 ng/ul	100
58) Fluorene	15.31	166	1368539	20.060 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	686041	20.203 ng/ul	99
60) 4-Nitroaniline	15.32	138	263739	19.359 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	173338	20.812 ng/ul#	99
64) N-Nitrosodiphenylamine	15.52	169	1231717	21.058 ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	425075	21.044 ng/ul	91
66) Hexachlorobenzene	16.32	284	449795	21.055 ng/ul	98
67) Atrazine	16.48	200	442392	20.750 ng/ul	98
68) Pentachlorophenol	16.66	266	253270	20.710 ng/ul	94
69) Phenanthrene	17.04	178	2220678	20.991 ng/ul	100
71) Anthracene	17.13	178	2263759	20.941 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	584142	21.605 ng/uL	98
73) Pentachlorobenzene	14.59	250	567815	21.499 ng/uL	98
74) Carbazole	17.40	167	2059051	21.315 ng/ul	99
75) Di-n-butylphthalate	17.99	149	2487215	20.551 ng/ul	100
76) Fluoranthene	19.06	202	2644164	21.758 ng/ul	98
79) Pyrene	19.43	202	2710559	20.311 ng/ul	99
80) Butylbenzylphthalate	20.36	149	988900	20.051 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	850690	19.559 ng/ul	94
82) Benzo(a)anthracene	21.18	228	2647896	20.199 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	1652866	20.442 ng/ul	99
84) Chrysene	21.23	228	2487320	20.260 ng/ul	98
86) Di-n-octyl phthalate	22.02	149	2720037	19.751 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2611118	19.742 ng/ul	100
88) Benzo(k)fluoranthene	22.77	252	2493405	20.025 ng/ul	100
90) Benzo(a)pyrene	23.28	252	2474725	19.675 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.53	276	2804844	19.476 ng/ul	98
92) Dibenzo(a,h)anthracene	25.55	278	2348738	19.418 ng/ul	97
93) Benzo(g,h,i)perylene	26.19	276	2349760	19.443 ng/ul	99

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

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