Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
Data File : BN002728.D
Acq On : 17 Sep 2018 16:32
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02054

Quant Time: Sep 17 17:03:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 04:34:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	143063	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	611859	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	331222	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	659829	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	576113	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	582438	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24201	7.80	ng/uL	0.00
5) Phenol-d5	6.84	99	238180	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	147036	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	196783	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	184868	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	93338	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	106054	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	188163	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	225744	20.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	511991	19.75	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	671064	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	72803	16.98	ng/ul	0.00
57) Fluorene-d10	15.28	176	443464	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	76597	18.56	ng/ul	0.00
70) Anthracene-d10	17.13	188	620880	19.71	ng/ul	0.00
78) Pyrene-d10	19.44	212	601203	19.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	599954	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	26328	7.594	ng/uL	99
4) Benzaldehyde	6.80	77	148720	22.391	ng/ul	96
6) Phenol	6.86	94	239344	19.537	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	184788	19.611	ng/ul	99
10) 2-Chlorophenol	7.22	128	193989	19.548	ng/ul	98
11) 2-Methylphenol	8.10	108	181304	19.708	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	290091	19.656	ng/ul	98
14) Acetophenone	8.46	105	285367	19.686	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	148416	20.373	ng/ul	96
16) 4-Methylphenol	8.42	108	195052	19.991	ng/ul	98
17) Hexachloroethane	8.71	117	77155	19.340	ng/ul	99
20) Nitrobenzene	8.84	77	217526	19.745	ng/ul	97
21) Isophorone	9.36	82	400835	19.722	ng/ul	100
23) 2-Nitrophenol	9.55	139	110220	19.847	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	214014	19.543	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	250945	19.622	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	182128	19.382	ng/ul	97
28) Naphthalene	10.47	128	614567	19.488	ng/ul	99
30) 4-Chloroaniline	10.59	127	226835	20.226	ng/ul	95
31) Hexachlorobutadiene	10.75	225	113806	18.960	ng/ul	92
32) Caprolactam	11.34	113	54275	18.804	ng/ul	92
33) 4-Chloro-3-methylphenol	11.73	107	187195	19.536	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	429678	19.493	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	214329	19.479	ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	82920	16.840	ng/ul	95
38) 2,4,6-Trichlorophenol	12.72	196	136702	19.474	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	139965	19.038	ng/ul	99
40) 1,1'-Biphenyl	13.11	154	539226	19.766	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	423618	19.791	ng/ul	98
42) 2-Nitroaniline	13.37	65	116943	19.677	ng/ul	99
44) Dimethylphthalate	13.75	163	500781	19.790	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	101996	20.007	ng/ul	98
47) Acenaphthylene	14.00	152	633321	19.912	ng/ul	99
48) 3-Nitroaniline	14.20	138	97768	19.668	ng/ul	96
49) Acenaphthene	14.35	153	445855	19.790	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	41829	15.519	ng/ul	97
52) 4-Nitrophenol	14.53	109	49547	16.610	ng/ul	100
53) Dibenzofuran	14.69	168	607666	19.615	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	145339	20.152	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.92	232	112650	19.357	ng/ul	100
56) Diethylphthalate	15.12	149	483068	19.485	ng/ul	99
58) Fluorene	15.34	166	486788	19.618	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	243646	19.636	ng/ul	98
60) 4-Nitroaniline	15.37	138	106707	20.247	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	78900	18.930	ng/ul	96
64) N-Nitrosodiphenylamine	15.55	169	417008	20.367	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	144736	20.007	ng/ul	95
66) Hexachlorobenzene	16.35	284	156003	19.741	ng/ul	96
67) Atrazine	16.51	200	137268	19.601	ng/ul	98
68) Pentachlorophenol	16.70	266	61249	16.641	ng/ul	96
69) Phenanthrene	17.08	178	723080	19.890	ng/ul	100
71) Anthracene	17.17	178	729791	19.799	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	223985	19.870	ng/uL	97
73) Pentachlorobenzene	14.61	250	200739	19.944	ng/uL	98
74) Carbazole	17.45	167	618480	19.552	ng/ul	99
75) Di-n-butylphthalate	18.01	149	743524	19.590	ng/ul	99
76) Fluoranthene	19.10	202	746445	19.248	ng/ul	99
79) Pyrene	19.47	202	756305	19.855	ng/ul	98
80) Butylbenzylphthalate	20.37	149	302469	19.082	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.16	252	231016	19.855	ng/ul	95
82) Benzo(a)anthracene	21.22	228	698262	19.483	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	438623	19.061	ng/ul	100
84) Chrysene	21.27	228	646541	19.247	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	727348	18.893	ng/ul	99
87) Benzo(b)fluoranthene	22.79	252	666562	18.739	ng/ul	99
88) Benzo(k)fluoranthene	22.83	252	667463	20.113	ng/ul	99
90) Benzo(a)pyrene	23.36	252	653316	19.428	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	785618	19.733	ng/ul	98
92) Dibenzo(a,h)anthracene	25.67	278	653766	19.489	ng/ul	98
93) Benzo(g,h,i)perylene	26.33	276	651999	19.591	ng/ul	100

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

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