Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081018\
Data File : BN002289.D
Acq On : 10 Aug 2018 16:37
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02033

Quant Time: Aug 11 00:09:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 11 00:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	288612	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1283803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	733019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1547118	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1188738	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1025445	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	48672	7.61	ng/uL	-0.01
5) Phenol-d5	6.86	99	485803	17.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	307016	18.54	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.21	132	387817	18.07	ng/ul	-0.01
13) 4-Methylphenol-d8	8.39	113	381383	17.42	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	198192	18.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	215442	17.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	389812	17.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	523559	20.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1140370	18.35	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1472143	19.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	188826	15.91	ng/ul	0.00
57) Fluorene-d10	15.31	176	987633	18.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	178040	17.67	ng/ul	0.00
70) Anthracene-d10	17.16	188	1448724	19.20	ng/ul	0.00
78) Pyrene-d10	19.47	212	1390838	22.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1056516	19.08	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	47222	7.355	ng/uL	95
4) Benzaldehyde	6.83	77	340631	21.129	ng/ul	95
6) Phenol	6.88	94	489569	17.937	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.11	93	383961	18.449	ng/ul#	87
10) 2-Chlorophenol	7.25	128	390566	18.240	ng/ul#	88
11) 2-Methylphenol	8.12	108	365601	17.416	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	638501	18.663	ng/ul#	84
14) Acetophenone	8.49	105	620482	18.674	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.48	70	324756	17.836	ng/ul#	84
16) 4-Methylphenol	8.45	108	401436	17.624	ng/ul	99
17) Hexachloroethane	8.74	117	162009	19.141	ng/ul	97
20) Nitrobenzene	8.87	77	477710	19.514	ng/ul	94
21) Isophorone	9.39	82	883785	18.043	ng/ul	98
23) 2-Nitrophenol	9.58	139	225287	18.291	ng/ul#	89
24) 2,4-Dimethylphenol	9.64	107	446965	18.125	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	532866	18.072	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	378348	18.104	ng/ul	99
28) Naphthalene	10.50	128	1288610	18.999	ng/ul	100
30) 4-Chloroaniline	10.61	127	521358	21.208	ng/ul	100
31) Hexachlorobutadiene	10.79	225	239799	19.362	ng/ul	98
32) Caprolactam	11.37	113	123853	15.944	ng/ul#	57
33) 4-Chloro-3-methylphenol	11.75	107	411501	17.505	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	912762	18.450	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	462673	19.465	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	257086	17.052	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	297604	18.215	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	305608	17.708	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	1174733	19.257	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	916799	19.328	ng/ul	97
42) 2-Nitroaniline	13.39	65	289031	18.952	ng/ul	83
44) Dimethylphthalate	13.77	163	1110115	18.240	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	234125	18.201	ng/ul	90
47) Acenaphthylene	14.03	152	1409987	19.001	ng/ul	100
48) 3-Nitroaniline	14.22	138	240836	18.994	ng/ul	93
49) Acenaphthene	14.37	153	969453	18.928	ng/ul	100
50) 2,4-Dinitrophenol	14.44	184	109332	14.450	ng/ul#	1
52) 4-Nitrophenol	14.55	109	139979	16.872	ng/ul#	82
53) Dibenzofuran	14.72	168	1360340	18.798	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	336963	18.062	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.95	232	262425	17.317	ng/ul	99
56) Diethylphthalate	15.15	149	1129218	18.272	ng/ul	100
58) Fluorene	15.36	166	1083926	18.762	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	538993	18.783	ng/ul	94
60) 4-Nitroaniline	15.39	138	253951	17.300	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.46	198	186125	17.840	ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	919200	19.425	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	326824	19.198	ng/ul	93
66) Hexachlorobenzene	16.37	284	355519	18.871	ng/ul	95
67) Atrazine	16.53	200	329527	19.299	ng/ul	98
68) Pentachlorophenol	16.72	266	178080	16.618	ng/ul	96
69) Phenanthrene	17.10	178	1670954	19.232	ng/ul	99
71) Anthracene	17.20	178	1716383	19.397	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	480168	20.814	ng/uL	98
73) Pentachlorobenzene	14.63	250	424948	19.693	ng/uL	97
74) Carbazole	17.47	167	1453572	19.419	ng/ul	100
75) Di-n-butylphthalate	18.04	149	1898674	19.184	ng/ul	100
76) Fluoranthene	19.13	202	1782215	19.329	ng/ul	100
79) Pyrene	19.50	202	1766446	23.157	ng/ul	99
80) Butylbenzylphthalate	20.41	149	752115	20.759	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.19	252	444601	17.639	ng/ul	99
82) Benzo(a)anthracene	21.26	228	1438849	19.003	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1071321	20.883	ng/ul#	97
84) Chrysene	21.31	228	1333222	18.893	ng/ul	100
86) Di-n-octyl phthalate	22.07	149	1596468	23.704	ng/ul#	93
87) Benzo(b)fluoranthene	22.83	252	1262549	20.004	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1138128	18.982	ng/ul	97
90) Benzo(a)pyrene	23.40	252	1156349	19.282	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.72	276	1326632	19.137	ng/ul	97
92) Dibenzo(a,h)anthracene	25.73	278	1119698	19.300	ng/ul	98
93) Benzo(g,h,i)perylene	26.40	276	1105964	18.986	ng/ul	97

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

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