Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\
Data File : BN002333.D
Acq On : 15 Aug 2018 11:10
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02046

Quant Time: Aug 16 01:07:44 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 13 23:38:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	174127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	830212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	520866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1203037	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1344995	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	1406303	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	30041	8.14	ng/uL	0.00
5) Phenol-d5	6.86	99	327809	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	211730	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	255977	21.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	264224	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	138140	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	145467	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	274978	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	279372	20.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	905169	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1130686	21.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	166246	20.37	ng/ul	0.00
57) Fluorene-d10	15.30	176	789474	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	151703	19.81	ng/ul	0.00
70) Anthracene-d10	17.16	188	1241275	21.60	ng/ul	0.00
78) Pyrene-d10	19.46	212	1381190	21.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1589775	21.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	31208	7.907	ng/uL#	94
4) Benzaldehyde	6.83	77	234375	21.367	ng/ul	94
6) Phenol	6.88	94	331405	20.382	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.11	93	261792	21.179	ng/ul#	87
10) 2-Chlorophenol	7.25	128	256706	20.966	ng/ul#	90
11) 2-Methylphenol	8.12	108	254065	20.704	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	444333	21.705	ng/ul#	85
14) Acetophenone	8.49	105	444482	21.782	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.48	70	231459	21.496	ng/ul#	83
16) 4-Methylphenol	8.45	108	281703	21.101	ng/ul	98
17) Hexachloroethane	8.74	117	106289	20.725	ng/ul	99
20) Nitrobenzene	8.87	77	339973	21.497	ng/ul	93
21) Isophorone	9.39	82	655051	21.486	ng/ul	98
23) 2-Nitrophenol	9.57	139	153935	21.074	ng/ul#	87
24) 2,4-Dimethylphenol	9.63	107	325080	21.702	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	383243	21.336	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	267014	21.594	ng/ul	99
28) Naphthalene	10.50	128	910197	21.308	ng/ul	100
30) 4-Chloroaniline	10.61	127	281335	20.159	ng/ul	99
31) Hexachlorobutadiene	10.78	225	163979	21.067	ng/ul	98
32) Caprolactam	11.37	113	98568	21.219	ng/ul#	59
33) 4-Chloro-3-methylphenol	11.75	107	303895	21.358	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	677848	21.501	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	328963	20.850 ng/ul	100
37) Hexachlorocyclopentadiene	12.46	237	183690	19.166 ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	213818	21.047 ng/ul	98
39) 2,4,5-Trichlorophenol	12.81	196	225585	20.752 ng/ul	100
40) 1,1'-Biphenyl	13.13	154	872523	20.926 ng/ul	99
41) 2-Chloronaphthalene	13.18	162	687078	21.138 ng/ul	97
42) 2-Nitroaniline	13.39	65	226081	21.839 ng/ul#	80
44) Dimethylphthalate	13.77	163	887360	20.954 ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	184972	21.619 ng/ul	95
47) Acenaphthylene	14.03	152	1071873	21.254 ng/ul	99
48) 3-Nitroaniline	14.22	138	167515	20.578 ng/ul	91
49) Acenaphthene	14.37	153	753399	21.178 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	91582	17.891 ng/ul#	1
52) 4-Nitrophenol	14.54	109	128648	20.796 ng/ul#	82
53) Dibenzofuran	14.71	168	1053870	20.998 ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	280583	21.751 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.94	232	203046	21.392 ng/ul	99
56) Diethylphthalate	15.14	149	911078	21.087 ng/ul	100
58) Fluorene	15.36	166	875771	21.328 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	427599	21.099 ng/ul	95
60) 4-Nitroaniline	15.39	138	221342	21.039 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	159820	20.227 ng/ul	95
64) N-Nitrosodiphenylamine	15.57	169	755764	21.499 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	262570	21.394 ng/ul	94
66) Hexachlorobenzene	16.37	284	293379	21.419 ng/ul	93
67) Atrazine	16.53	200	270051	21.012 ng/ul	98
68) Pentachlorophenol	16.72	266	152227	19.855 ng/ul	99
69) Phenanthrene	17.10	178	1418259	21.385 ng/ul	99
71) Anthracene	17.19	178	1460137	21.708 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	360175	21.411 ng/uL	98
73) Pentachlorobenzene	14.63	250	343744	21.439 ng/uL	96
74) Carbazole	17.46	167	1310057	21.962 ng/ul	99
75) Di-n-butylphthalate	18.03	149	1563748	21.564 ng/ul	99
76) Fluoranthene	19.12	202	1667979	22.097 ng/ul	99
79) Pyrene	19.49	202	1721777	21.230 ng/ul	100
80) Butylbenzylphthalate	20.40	149	729194	21.221 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.18	252	532293	19.859 ng/ul	99
82) Benzo(a)anthracene	21.25	228	1748306	21.217 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1098837	21.319 ng/ul	99
84) Chrysene	21.30	228	1647526	21.125 ng/ul	100
86) Di-n-octyl phthalate	22.06	149	1895663	21.211 ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	1810711	21.480 ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1711413	21.550 ng/ul	100
90) Benzo(a)pyrene	23.39	252	1718790	21.404 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	2055847	21.520 ng/ul	99
92) Dibenzo(a,h)anthracene	25.71	278	1715229	21.477 ng/ul	100
93) Benzo(g,h,i)perylene	26.38	276	1721979	21.603 ng/ul	97

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

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