Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002310.D
Acq On : 13 Aug 2018 17:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02042

Quant Time: Aug 13 23:34:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 13 16:41:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	165049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	795593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	490916	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1148783	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1251711	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	1338251	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	29153	8.34	ng/uL	0.00
5) Phenol-d5	6.85	99	308626	20.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	198552	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	246148	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	252155	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	130616	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	143611	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	259612	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	281216	21.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	864016	21.23	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1065386	21.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	159257	20.70	ng/ul	0.00
57) Fluorene-d10	15.30	176	742093	21.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	149314	20.41	ng/ul	0.00
70) Anthracene-d10	17.16	188	1164448	21.22	ng/ul	0.00
78) Pyrene-d10	19.46	212	1274358	21.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1465703	20.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	30747	8.219	ng/uL#	93
4) Benzaldehyde	6.83	77	226258	21.762	ng/ul	96
6) Phenol	6.88	94	318524	20.667	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.11	93	250776	21.404	ng/ul#	88
10) 2-Chlorophenol	7.25	128	245134	21.123	ng/ul#	90
11) 2-Methylphenol	8.12	108	242086	20.813	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	413357	21.303	ng/ul#	86
14) Acetophenone	8.49	105	416227	21.519	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	221912	21.743	ng/ul#	85
16) 4-Methylphenol	8.44	108	265647	20.993	ng/ul	100
17) Hexachloroethane	8.74	117	101840	20.949	ng/ul	98
20) Nitrobenzene	8.86	77	319266	21.066	ng/ul	93
21) Isophorone	9.39	82	624716	21.383	ng/ul	98
23) 2-Nitrophenol	9.57	139	151237	21.605	ng/ul	89
24) 2,4-Dimethylphenol	9.63	107	306678	21.364	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	362741	21.074	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	251267	21.205	ng/ul	97
28) Naphthalene	10.50	128	853325	20.846	ng/ul	100
30) 4-Chloroaniline	10.61	127	285819	21.372	ng/ul	100
31) Hexachlorobutadiene	10.78	225	154859	20.761	ng/ul	97
32) Caprolactam	11.36	113	95663	21.490	ng/ul#	58
33) 4-Chloro-3-methylphenol	11.75	107	291528	21.380	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	631987	20.918	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	311663	20.959	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	182541	20.209	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	200774	20.969	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	218709	21.347	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	823654	20.959	ng/ul	100
41) 2-Chloronaphthalene	13.18	162	644491	21.038	ng/ul	96
42) 2-Nitroaniline	13.39	65	212883	21.819	ng/ul#	80
44) Dimethylphthalate	13.77	163	848591	21.261	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	175922	21.816	ng/ul	95
47) Acenaphthylene	14.03	152	1005308	21.150	ng/ul	99
48) 3-Nitroaniline	14.22	138	166561	21.709	ng/ul	92
49) Acenaphthene	14.37	153	705435	21.040	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	94682	19.625	ng/ul#	1
52) 4-Nitrophenol	14.54	109	122745	21.052	ng/ul#	88
53) Dibenzofuran	14.71	168	991876	20.969	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	265619	21.847	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.95	232	192166	21.481	ng/ul#	97
56) Diethylphthalate	15.15	149	861400	21.153	ng/ul	99
58) Fluorene	15.36	166	817491	21.124	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	401503	21.020	ng/ul	95
60) 4-Nitroaniline	15.39	138	208082	20.986	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	156993	20.807	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	715007	21.300	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	248760	21.226	ng/ul	91
66) Hexachlorobenzene	16.37	284	278144	21.266	ng/ul	94
67) Atrazine	16.53	200	260522	21.228	ng/ul	96
68) Pentachlorophenol	16.72	266	145948	19.935	ng/ul	98
69) Phenanthrene	17.10	178	1326146	20.940	ng/ul	99
71) Anthracene	17.19	178	1369477	21.321	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	336391	20.942	ng/uL	99
73) Pentachlorobenzene	14.63	250	315222	20.589	ng/uL	99
74) Carbazole	17.46	167	1223578	21.481	ng/ul	100
75) Di-n-butylphthalate	18.03	149	1490995	21.532	ng/ul	99
76) Fluoranthene	19.12	202	1561960	21.670	ng/ul	97
79) Pyrene	19.49	202	1614867	21.396	ng/ul	99
80) Butylbenzylphthalate	20.40	149	695812	21.758	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.18	252	535209	21.456	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1629140	21.245	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1036365	21.606	ng/ul	98
84) Chrysene	21.30	228	1531205	21.097	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	1792956	21.082	ng/ul#	95
87) Benzo(b)fluoranthene	22.82	252	1637901	20.418	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	1626085	21.517	ng/ul	100
90) Benzo(a)pyrene	23.39	252	1587313	20.772	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	1896541	20.862	ng/ul	99
92) Dibenzo(a,h)anthracene	25.72	278	1587818	20.892	ng/ul	98
93) Benzo(g,h,i)perylene	26.39	276	1573051	20.738	ng/ul	97

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

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