Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002682.D
Acq On : 13 Sep 2018 20:55
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02042

Quant Time: Sep 14 01:29:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 01:14:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	185008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	849221	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	503088	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1060519	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	784121	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	741958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	28998	7.40	ng/uL	0.00
5) Phenol-d5	6.85	99	333956	19.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	201240	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	268858	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	270640	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	133323	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	152212	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	281202	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	339845	24.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	837309	20.08	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1051718	20.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	105635	13.40	ng/ul	0.00
57) Fluorene-d10	15.29	176	709334	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	81820	12.12	ng/ul	0.00
70) Anthracene-d10	17.14	188	1027089	20.27	ng/ul	0.00
78) Pyrene-d10	19.45	212	950340	25.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	788948	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	29877	7.125	ng/uL#	91
4) Benzaldehyde	6.82	77	215189	18.464	ng/ul	93
6) Phenol	6.88	94	340353	19.701	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	253217	19.281	ng/ul#	88
10) 2-Chlorophenol	7.23	128	264902	20.363	ng/ul#	90
11) 2-Methylphenol	8.11	108	261022	20.020	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	407759	18.747	ng/ul#	85
14) Acetophenone	8.48	105	417742	19.268	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.46	70	217676	19.027	ng/ul#	88
16) 4-Methylphenol	8.44	108	281178	19.823	ng/ul	95
17) Hexachloroethane	8.72	117	101229	18.577	ng/ul	99
20) Nitrobenzene	8.85	77	309815	19.151	ng/ul	95
21) Isophorone	9.37	82	614518	19.705	ng/ul	98
23) 2-Nitrophenol	9.56	139	156084	20.890	ng/ul	92
24) 2,4-Dimethylphenol	9.62	107	319763	20.869	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	372195	20.257	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	270138	21.358	ng/ul	98
28) Naphthalene	10.48	128	871500	19.946	ng/ul	100
30) 4-Chloroaniline	10.60	127	340002	23.818	ng/ul	99
31) Hexachlorobutadiene	10.76	225	162019	20.349	ng/ul	99
32) Caprolactam	11.36	113	87236	18.359	ng/ul#	57
33) 4-Chloro-3-methylphenol	11.74	107	298700	20.523	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	638760	19.807	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	321921	21.125 ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	104271	11.264 ng/ul	99
38) 2,4,6-Trichlorophenol	12.72	196	210419	21.444 ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	223965	21.331 ng/ul	99
40) 1,1'-Biphenyl	13.12	154	827177	20.539 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	644646	20.534 ng/ul	95
42) 2-Nitroaniline	13.37	65	196840	19.686 ng/ul	84
44) Dimethylphthalate	13.76	163	810711	19.821 ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	168074	20.339 ng/ul	99
47) Acenaphthylene	14.01	152	973571	19.987 ng/ul	100
48) 3-Nitroaniline	14.21	138	162870	20.714 ng/ul	98
49) Acenaphthene	14.36	153	693449	20.182 ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	30222	6.113 ng/ul#	1
52) 4-Nitrophenol	14.55	109	72930	12.206 ng/ul#	76
53) Dibenzofuran	14.69	168	964507	19.897 ng/ul	96
54) 2,4-Dinitrotoluene	14.67	165	238152	19.114 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.93	232	175491	19.142 ng/ul	92
56) Diethylphthalate	15.13	149	821045	19.674 ng/ul	99
58) Fluorene	15.35	166	781876	19.715 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.34	204	391148	19.983 ng/ul	93
60) 4-Nitroaniline	15.38	138	173450	17.070 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.45	198	83828	12.035 ng/ul	99
64) N-Nitrosodiphenylamine	15.56	169	677663	21.868 ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	241375	22.310 ng/ul	93
66) Hexachlorobenzene	16.35	284	259593	21.500 ng/ul	93
67) Atrazine	16.52	200	238116	21.017 ng/ul	99
68) Pentachlorophenol	16.70	266	96271	14.244 ng/ul	97
69) Phenanthrene	17.09	178	1175497	20.106 ng/ul	99
71) Anthracene	17.17	178	1198238	20.208 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	346635	23.375 ng/uL	98
73) Pentachlorobenzene	14.62	250	317438	22.459 ng/uL	100
74) Carbazole	17.45	167	992720	18.879 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1338220	20.934 ng/ul	100
76) Fluoranthene	19.11	202	1202502	18.072 ng/ul	99
79) Pyrene	19.47	202	1177695	24.909 ng/ul	98
80) Butylbenzylphthalate	20.38	149	505309	25.224 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.16	252	285597	18.277 ng/ul	98
82) Benzo(a)anthracene	21.23	228	974739	20.291 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	681019	22.664 ng/ul#	98
84) Chrysene	21.28	228	892483	19.630 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	1054531	22.365 ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	900184	20.240 ng/ul	100
88) Benzo(k)fluoranthene	22.85	252	855886	20.427 ng/ul	98
90) Benzo(a)pyrene	23.37	252	856004	20.205 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	1048500	20.803 ng/ul	96
92) Dibenzo(a,h)anthracene	25.69	278	878078	20.839 ng/ul	97
93) Benzo(g,h,i)perylene	26.36	276	876526	20.843 ng/ul	97

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

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