Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081718\
Data File : BN002369.D
Acq On : 17 Aug 2018 08:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTD02049

Quant Time: Aug 18 01:57:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 01:50:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	161451	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	782210	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	489257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1130720	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1271584	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1345262	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	28632	8.37	ng/uL	0.00
5) Phenol-d5	6.85	99	304051	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	200693	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	241199	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	244290	20.64	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	128849	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	133861	20.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	256270	21.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	265286	20.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	839568	20.70	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1066784	21.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	149697	19.53	ng/ul	0.00
57) Fluorene-d10	15.30	176	747687	21.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	139833	19.42	ng/ul	0.00
70) Anthracene-d10	17.15	188	1166350	21.59	ng/ul	0.00
78) Pyrene-d10	19.45	212	1293540	21.26	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.33	264	1512484	21.50	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	30214	8.256	ng/uL#	92
4) Benzaldehyde	6.83	77	220335	21.664	ng/ul	96
6) Phenol	6.88	94	312114	20.703	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.10	93	243922	21.283	ng/ul#	84
10) 2-Chlorophenol	7.25	128	238466	21.006	ng/ul#	88
11) 2-Methylphenol	8.12	108	235589	20.706	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	424663	22.373	ng/ul#	84
14) Acetophenone	8.49	105	411017	21.724	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.48	70	214950	21.530	ng/ul#	82
16) 4-Methylphenol	8.44	108	259338	20.951	ng/ul	99
17) Hexachloroethane	8.74	117	102051	21.460	ng/ul	97
20) Nitrobenzene	8.86	77	317227	21.289	ng/ul	94
21) Isophorone	9.38	82	611716	21.296	ng/ul	98
23) 2-Nitrophenol	9.57	139	145950	21.207	ng/ul#	88
24) 2,4-Dimethylphenol	9.63	107	301379	21.354	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	356309	21.054	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	247653	21.257	ng/ul	97
28) Naphthalene	10.49	128	856118	21.272	ng/ul	99
30) 4-Chloroaniline	10.61	127	271967	20.684	ng/ul	98
31) Hexachlorobutadiene	10.78	225	154081	21.010	ng/ul	99
32) Caprolactam	11.36	113	90386m	20.652	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	282904	21.103	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	633682	21.333	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	312016	21.054	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	173026	19.220	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	196390	20.580	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	213449	20.904	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	825759	21.083	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	643335	21.071	ng/ul	97
42) 2-Nitroaniline	13.39	65	209283	21.522	ng/ul#	80
44) Dimethylphthalate	13.77	163	837327	21.050	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	172446	21.458	ng/ul	91
47) Acenaphthylene	14.03	152	1004951	21.215	ng/ul	99
48) 3-Nitroaniline	14.22	138	157768	20.633	ng/ul	92
49) Acenaphthene	14.37	153	705770	21.121	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	79590	16.553	ng/ul#	1
52) 4-Nitrophenol	14.53	109	119943	20.641	ng/ul#	77
53) Dibenzofuran	14.71	168	995403	21.115	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	261311	21.566	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.94	232	187542	21.035	ng/ul	98
56) Diethylphthalate	15.14	149	856727	21.110	ng/ul	100
58) Fluorene	15.36	166	823182	21.343	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	405733	21.314	ng/ul	94
60) 4-Nitroaniline	15.39	138	207738	21.022	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	146061	19.668	ng/ul#	92
64) N-Nitrosodiphenylamine	15.57	169	708537	21.445	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	246665	21.383	ng/ul	94
66) Hexachlorobenzene	16.36	284	277907	21.587	ng/ul	98
67) Atrazine	16.53	200	251339	20.807	ng/ul	98
68) Pentachlorophenol	16.71	266	142192	19.732	ng/ul	98
69) Phenanthrene	17.10	178	1350972	21.673	ng/ul	99
71) Anthracene	17.19	178	1370429	21.677	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	338996	21.441	ng/uL	99
73) Pentachlorobenzene	14.63	250	320147	21.245	ng/uL	99
74) Carbazole	17.46	167	1227336	21.891	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1467308	21.528	ng/ul	99
76) Fluoranthene	19.12	202	1578548	22.250	ng/ul	98
79) Pyrene	19.48	202	1631152	21.274	ng/ul	97
80) Butylbenzylphthalate	20.39	149	673864	20.743	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.17	252	496703	19.601	ng/ul	99
82) Benzo(a)anthracene	21.24	228	1655658	21.253	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1033980	21.219	ng/ul	99
84) Chrysene	21.29	228	1565151	21.228	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1815339	21.234	ng/ul#	91
87) Benzo(b)fluoranthene	22.82	252	1693860	21.006	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1660941	21.864	ng/ul	99
90) Benzo(a)pyrene	23.38	252	1662492	21.643	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.70	276	1949607	21.334	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	1622020	21.231	ng/ul	98
93) Benzo(g,h,i)perylene	26.37	276	1609332	21.106	ng/ul	99

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

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