Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\
Data File : BN002339.D
Acq On : 15 Aug 2018 17:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02047

Quant Time: Aug 16 01:14:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 01:13:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	150389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	720847	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	445799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1031769	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1147576	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1225333	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	26200	8.22	ng/uL	0.00
5) Phenol-d5	6.86	99	285631	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	184424	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	224164	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	230353	20.90	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	120113	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	126287	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	233915	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	237505	19.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	778288	21.06	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	982721	21.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	139901	20.03	ng/ul	0.00
57) Fluorene-d10	15.30	176	674559	21.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	131963	20.09	ng/ul	0.00
70) Anthracene-d10	17.16	188	1054492	21.39	ng/ul	0.00
78) Pyrene-d10	19.46	212	1163826	21.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1370349	21.39	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	29310	8.599	ng/uL#	86
4) Benzaldehyde	6.83	77	202664	21.392	ng/ul	94
6) Phenol	6.88	94	289606	20.623	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.11	93	226166	21.185	ng/ul#	87
10) 2-Chlorophenol	7.25	128	220381	20.841	ng/ul#	86
11) 2-Methylphenol	8.12	108	219653	20.726	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	392069	22.175	ng/ul#	84
14) Acetophenone	8.49	105	376855	21.383	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.48	70	199248	21.425	ng/ul#	81
16) 4-Methylphenol	8.45	108	243180	21.091	ng/ul	97
17) Hexachloroethane	8.74	117	93302	21.064	ng/ul	94
20) Nitrobenzene	8.87	77	288643	21.020	ng/ul	95
21) Isophorone	9.39	82	568370	21.471	ng/ul	97
23) 2-Nitrophenol	9.58	139	136933	21.590	ng/ul	91
24) 2,4-Dimethylphenol	9.63	107	276312	21.245	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	329643	21.137	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	228086	21.244	ng/ul	98
28) Naphthalene	10.50	128	790086	21.303	ng/ul	100
30) 4-Chloroaniline	10.61	127	241251	19.910	ng/ul	99
31) Hexachlorobutadiene	10.78	225	142331	21.060	ng/ul	98
32) Caprolactam	11.36	113	81576	20.225	ng/ul#	52
33) 4-Chloro-3-methylphenol	11.75	107	264886	21.440	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	583658	21.322	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	283819	21.018	ng/ul	97
37) Hexachlorocyclopentadiene	12.47	237	157483	19.199	ng/ul	100
38) 2,4,6-Trichlorophenol	12.73	196	179463	20.640	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	195958	21.062	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	754290	21.136	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	591866	21.275	ng/ul	97
42) 2-Nitroaniline	13.39	65	189965	21.440	ng/ul#	80
44) Dimethylphthalate	13.77	163	759895	20.966	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	154803	21.140	ng/ul	90
47) Acenaphthylene	14.03	152	919435	21.301	ng/ul	100
48) 3-Nitroaniline	14.22	138	142876	20.507	ng/ul	90
49) Acenaphthene	14.37	153	646560	21.235	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	74457	16.995	ng/ul#	1
52) 4-Nitrophenol	14.54	109	108130	20.422	ng/ul#	86
53) Dibenzofuran	14.71	168	912322	21.239	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	237833	21.541	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.94	232	170082	20.936	ng/ul	97
56) Diethylphthalate	15.14	149	780474	21.106	ng/ul	100
58) Fluorene	15.36	166	745866	21.223	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	364745	21.029	ng/ul	96
60) 4-Nitroaniline	15.39	138	187016	20.770	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	139168	20.537	ng/ul#	99
64) N-Nitrosodiphenylamine	15.57	169	647575	21.479	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	223970	21.278	ng/ul	95
66) Hexachlorobenzene	16.37	284	249187	21.213	ng/ul	96
67) Atrazine	16.53	200	230696	20.930	ng/ul	98
68) Pentachlorophenol	16.72	266	125147	19.032	ng/ul	100
69) Phenanthrene	17.10	178	1215460	21.369	ng/ul	99
71) Anthracene	17.19	178	1244249	21.569	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	306128	21.219	ng/uL	99
73) Pentachlorobenzene	14.63	250	294462	21.414	ng/uL	97
74) Carbazole	17.46	167	1119348	21.880	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1333299	21.438	ng/ul	100
76) Fluoranthene	19.13	202	1424949	22.011	ng/ul	99
79) Pyrene	19.49	202	1463461	21.150	ng/ul	99
80) Butylbenzylphthalate	20.40	149	621758	21.207	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.19	252	460675	20.144	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1506876	21.433	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	936600	21.298	ng/ul	100
84) Chrysene	21.30	228	1414763	21.262	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1629272	20.923	ng/ul#	92
87) Benzo(b)fluoranthene	22.82	252	1540077	20.968	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	1527849	22.080	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1504731	21.506	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.71	276	1799715	21.621	ng/ul	99
92) Dibenzo(a,h)anthracene	25.72	278	1503896	21.612	ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	1499110	21.585	ng/ul	98

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

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