Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082018\
Data File : BN002413.D
Acq On : 20 Aug 2018 09:36
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02053

Quant Time: Aug 21 00:45:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	158462	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	781583	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	497239	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1167028	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1273931	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1307210	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26304	7.84	ng/uL	0.00
5) Phenol-d5	6.85	99	279071	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	184466	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	218413	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	229454	19.75	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	119678	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	124454	19.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	238222	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	254894	19.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	798403	19.37	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1013974	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	139257	17.87	ng/ul	0.00
57) Fluorene-d10	15.30	176	710804	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	130595	17.58	ng/ul	0.00
70) Anthracene-d10	17.15	188	1107785	19.87	ng/ul	0.00
78) Pyrene-d10	19.45	212	1223939	20.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1353554	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27022	7.523	ng/uL	96
4) Benzaldehyde	6.82	77	201966	20.233	ng/ul	93
6) Phenol	6.88	94	287078	19.401	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.10	93	223158	19.839	ng/ul#	84
10) 2-Chlorophenol	7.24	128	216598	19.439	ng/ul#	87
11) 2-Methylphenol	8.11	108	217726	19.497	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	399094	21.422	ng/ul#	84
14) Acetophenone	8.49	105	377032	20.303	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.48	70	200974	20.510	ng/ul#	81
16) 4-Methylphenol	8.44	108	239637	19.725	ng/ul	97
17) Hexachloroethane	8.73	117	93013	19.929	ng/ul	96
20) Nitrobenzene	8.86	77	288787	19.396	ng/ul	94
21) Isophorone	9.38	82	576390	20.082	ng/ul	98
23) 2-Nitrophenol	9.56	139	132617	19.285	ng/ul#	87
24) 2,4-Dimethylphenol	9.63	107	276857	19.633	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	333751	19.737	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	231322	19.871	ng/ul	97
28) Naphthalene	10.49	128	781726	19.440	ng/ul	100
30) 4-Chloroaniline	10.60	127	260193	19.804	ng/ul	99
31) Hexachlorobutadiene	10.78	225	142842	19.493	ng/ul	99
32) Caprolactam	11.36	113	84890	19.412	ng/ul#	49
33) 4-Chloro-3-methylphenol	11.74	107	271150	20.242	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	593586	20.000	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	292768	19.438 ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	153577	16.786 ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	188574	19.444 ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	199277	19.203 ng/ul	100
40) 1,1'-Biphenyl	13.13	154	780497	19.608 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	610310	19.669 ng/ul	97
42) 2-Nitroaniline	13.38	65	201647	20.404 ng/ul#	79
44) Dimethylphthalate	13.76	163	790795	19.561 ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	162316	19.873 ng/ul	93
47) Acenaphthylene	14.02	152	956317	19.864 ng/ul	100
48) 3-Nitroaniline	14.22	138	151047	19.437 ng/ul	93
49) Acenaphthene	14.37	153	668090	19.672 ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	74105	15.165 ng/ul#	1
52) 4-Nitrophenol	14.53	109	108858	18.433 ng/ul#	85
53) Dibenzofuran	14.70	168	954576	19.924 ng/ul	97
54) 2,4-Dinitrotoluene	14.68	165	247928	20.133 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.94	232	177352	19.572 ng/ul	97
56) Diethylphthalate	15.13	149	809902	19.636 ng/ul	99
58) Fluorene	15.36	166	777876	19.844 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	384241	19.861 ng/ul	97
60) 4-Nitroaniline	15.38	138	196269	19.543 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	136004	17.744 ng/ul	96
64) N-Nitrosodiphenylamine	15.57	169	662621	19.431 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	237706	19.966 ng/ul	95
66) Hexachlorobenzene	16.36	284	264565	19.912 ng/ul	96
67) Atrazine	16.53	200	239803	19.234 ng/ul	99
68) Pentachlorophenol	16.71	266	132323	17.791 ng/ul	97
69) Phenanthrene	17.09	178	1274916	19.817 ng/ul	100
71) Anthracene	17.19	178	1314352	20.143 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	317751	19.472 ng/uL	98
73) Pentachlorobenzene	14.63	250	302855	19.472 ng/uL	100
74) Carbazole	17.46	167	1163843	20.113 ng/ul	99
75) Di-n-butylphthalate	18.03	149	1386847	19.715 ng/ul	99
76) Fluoranthene	19.12	202	1486639	20.303 ng/ul	98
79) Pyrene	19.48	202	1553786	20.228 ng/ul	99
80) Butylbenzylphthalate	20.39	149	638146	19.607 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.17	252	449927	17.722 ng/ul	100
82) Benzo(a)anthracene	21.24	228	1545433	19.802 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	969052	19.850 ng/ul	99
84) Chrysene	21.29	228	1463747	19.816 ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1662068	20.007 ng/ul#	92
87) Benzo(b)fluoranthene	22.81	252	1584387	20.220 ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	1483179	20.092 ng/ul	100
90) Benzo(a)pyrene	23.38	252	1490406	19.967 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1579199	17.784 ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	1318117	17.755 ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	1254421	16.930 ng/ul	98

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

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