Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108774.D
Acq On : 5 Sep 2018 15:15
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Sep 05 16:37:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:28:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	300294	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	1233655	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	620260	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	1188503	20.00	ng		0.00
75) Chrysene-d12	13.87	240	959064	20.00	ng		0.00
86) Perylene-d12	15.27	264	950623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	406829	23.54	ng		0.00
7) Phenol-d6	6.35	99	524051	21.17	ng		-0.02
23) Nitrobenzene-d5	7.28	82	394594	16.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	127189	15.53	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	947970	20.55	ng		0.00
78) Terphenyl-d14	12.82	244	847069	17.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	88835	11.058	ng		94
3) Pyridine	3.14	79	248259	13.375	ng		92
4) n-Nitrosodimethylamine	3.05	42	91140	9.844	ng	#	95
6) Aniline	6.38	93	337976	12.651	ng		99
8) 2-Chlorophenol	6.51	128	220436	10.430	ng		95
9) Benzaldehyde	6.27	77	187323	12.241	ng		98
10) Phenol	6.37	94	300653	10.414	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	236093	9.287	ng		99
12) 1,3-Dichlorobenzene	6.67	146	257257	10.498	ng		99
13) 1,4-Dichlorobenzene	6.75	146	255374	9.547	ng		98
14) 1,2-Dichlorobenzene	6.90	146	242485	9.870	ng		99
15) Benzyl Alcohol	6.87	79	197281	11.077	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	352712	9.044	ng		98
17) 2-Methylphenol	6.98	107	180783	11.001	ng		97
18) Hexachloroethane	7.25	117	87705	9.534	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	174199	10.507	ng		95
20) 3+4-Methylphenols	7.13	107	235014	11.414	ng	#	69
22) Acetophenone	7.14	105	316661	10.282	ng	#	96
24) Nitrobenzene	7.31	77	217652	8.832	ng		100
25) Isophorone	7.55	82	413829	10.250	ng		97
26) 2-Nitrophenol	7.62	139	63433	5.686	ng		99
27) 2,4-Dimethylphenol	7.67	122	181264	11.172	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	291595	11.433	ng		99
29) 2,4-Dichlorophenol	7.87	162	185414	9.633	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	208277	9.676	ng		97
31) Naphthalene	8.04	128	637937	10.857	ng		99
32) Benzoic acid	7.74	122	65652	6.310	ng		100
33) 4-Chloroaniline	8.08	127	284410	10.965	ng		99
34) Hexachlorobutadiene	8.17	225	123501	8.738	ng		99
35) Caprolactam	8.41	113	63238	12.329	ng	#	81
36) 4-Chloro-3-methylphenol	8.55	107	199233	9.644	ng		99
37) 2-Methylnaphthalene	8.72	142	421100	10.592	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	209368	9.508	ng		98
40) Hexachlorocyclopentadiene	8.89	237	93317	11.965	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	125743	9.643	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	140995	9.272	ng		98
45) 1,1'-Biphenyl	9.19	154	556212	10.301	ng		98
46) 2-Chloronaphthalene	9.21	162	437731	10.355	ng		98
47) 2-Nitroaniline	9.30	65	86542	6.121	ng		92
48) Acenaphthylene	9.62	152	668255	10.798	ng		99
49) Dimethylphthalate	9.48	163	489205	10.016	ng		100
50) 2,6-Dinitrotoluene	9.54	165	77719	7.219	ng		96
51) Acenaphthene	9.80	154	398414	10.767	ng		98
52) 3-Nitroaniline	9.70	138	95401	8.191	ng	#	87
53) 2,4-Dinitrophenol	9.81	184	13049	3.564	ng	#	51
54) Dibenzofuran	9.97	168	602985	10.414	ng		98
55) 4-Nitrophenol	9.85	139	68265	10.658	ng		96
56) 2,4-Dinitrotoluene	9.94	165	87504	6.138	ng		92
57) Fluorene	10.31	166	429783	9.578	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.08	232	108694	7.979	ng	#	92
59) Diethylphthalate	10.18	149	496165	10.083	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	226976	8.914	ng		95
61) 4-Nitroaniline	10.31	138	81688	7.248	ng		93
62) Azobenzene	10.46	77	531837	10.874	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	25269	4.792	ng		91
65) n-Nitrosodiphenylamine	10.41	169	446662	11.312	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	147921	10.127	ng	#	89
67) Hexachlorobenzene	10.85	284	158494	10.071	ng		93
68) Atrazine	10.94	200	137347	12.442	ng		96
69) Pentachlorophenol	11.04	266	82397	9.854	ng		98
70) Phenanthrene	11.26	178	668839	11.149	ng		99
71) Anthracene	11.31	178	672945	10.676	ng		99
72) Carbazole	11.46	167	662854	10.876	ng		99
73) Di-n-butylphthalate	11.81	149	803934	11.465	ng		99
74) Fluoranthene	12.44	202	692840	10.260	ng		98
76) Benzidine	12.56	184	455975	16.890	ng		99
77) Pyrene	12.67	202	721422	10.007	ng		100
79) Butylbenzylphthalate	13.30	149	299742	9.887	ng		95
80) Benzo(a)anthracene	13.85	228	623545	10.665	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	242268	11.426	ng		95
82) Chrysene	13.89	228	599449	10.661	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	398802	10.234	ng		98
84) Di-n-octyl phthalate	14.47	149	691213	12.065	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	489498	12.521	ng		97
87) Benzo(b)fluoranthene	14.87	252	546628	9.361	ng		98
88) Benzo(k)fluoranthene	14.89	252	536546	9.275	ng		100
89) Benzo(a)pyrene	15.20	252	501175	9.497	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	416220	9.875	ng		98
91) Benzo(g,h,i)perylene	17.01	276	390209	9.526	ng		96

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

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