Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110671.D
Acq On : 12 Nov 2018 13:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 12 16:23:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83191	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	363726	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	172449	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	322854	20.00	ng		0.00
76) Chrysene-d12	14.13	240	241273	20.00	ng		0.00
87) Perylene-d12	15.66	264	172087	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	423174	82.63	ng		0.00
7) Phenol-d6	6.57	99	540897	82.59	ng		0.00
23) Nitrobenzene-d5	7.52	82	515076	81.55	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	137846	79.33	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	943726	78.16	ng		0.00
79) Terphenyl-d14	13.07	244	988020	76.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	104192	40.830	ng		90
3) Pyridine	3.56	79	228530	41.489	ng	#	83
4) n-Nitrosodimethylamine	3.53	42	101895	43.113	ng		90
6) Aniline	6.61	93	349171	40.882	ng	#	55
8) 2-Chlorophenol	6.73	128	246257	41.016	ng		99
9) Benzaldehyde	6.50	77	151354	44.235	ng		97
10) Phenol	6.59	94	315969	41.607	ng	#	66
11) bis(2-Chloroethyl)ether	6.68	93	232504	40.853	ng		95
12) 1,3-Dichlorobenzene	6.89	146	267893	40.780	ng		99
13) 1,4-Dichlorobenzene	6.96	146	272132	40.794	ng		97
14) 1,2-Dichlorobenzene	7.12	146	253160	40.795	ng		99
15) Benzyl Alcohol	7.09	79	214824	41.915	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	368107	41.186	ng		70
17) 2-Methylphenol	7.19	107	196210	41.062	ng	#	81
18) Hexachloroethane	7.46	117	101271	41.121	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	174787	41.809	ng		95
20) 3+4-Methylphenols	7.35	107	253228	41.283	ng	#	86
22) Acetophenone	7.36	105	341249	40.256	ng	#	92
24) Nitrobenzene	7.53	77	263431	40.710	ng		96
25) Isophorone	7.77	82	415366	40.125	ng		96
26) 2-Nitrophenol	7.85	139	133020	41.205	ng		99
27) 2,4-Dimethylphenol	7.87	122	199912	40.662	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	281263	40.130	ng		98
29) 2,4-Dichlorophenol	8.09	162	205788	40.679	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	225529	39.541	ng		98
31) Naphthalene	8.25	128	679872	39.817	ng		99
32) Benzoic acid	8.01	122	125322	36.027	ng		94
33) 4-Chloroaniline	8.30	127	308422	39.877	ng		99
34) Hexachlorobutadiene	8.36	225	129330	39.698	ng		99
35) Caprolactam	8.69	113	71174	42.111	ng		94
36) 4-Chloro-3-methylphenol	8.78	107	223130	40.897	ng		96
37) 2-Methylnaphthalene	8.94	142	453098	40.479	ng		99
38) 1-Methylnaphthalene	9.04	142	432368	40.165	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	220801	40.449	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	61898	33.940	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	139001	40.522	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	145426	39.745	ng		93
46) 1,1'-Biphenyl	9.40	154	646431	40.183	ng		99
47) 2-Chloronaphthalene	9.43	162	467282	40.319	ng		97
48) 2-Nitroaniline	9.53	65	147278	41.237	ng		98
49) Acenaphthylene	9.85	152	678288	40.639	ng		99
50) Dimethylphthalate	9.70	163	514323	39.970	ng		100
51) 2,6-Dinitrotoluene	9.77	165	116373	41.112	ng		98
52) Acenaphthene	10.02	154	425001	40.292	ng		97
53) 3-Nitroaniline	9.95	138	134657	41.061	ng		89
54) 2,4-Dinitrophenol	10.06	184	39434	37.618	ng		92
55) Dibenzofuran	10.20	168	614560	39.823	ng		97
56) 4-Nitrophenol	10.11	139	88011	40.452	ng		94
57) 2,4-Dinitrotoluene	10.19	165	151078	41.049	ng		95
58) Fluorene	10.54	166	475831	40.142	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	118685	41.232	ng		93
60) Diethylphthalate	10.40	149	506934	39.821	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	246268	40.126	ng		96
62) 4-Nitroaniline	10.57	138	136565	41.354	ng		93
63) Azobenzene	10.69	77	505201	40.676	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	64305	39.520	ng		90
66) n-Nitrosodiphenylamine	10.65	169	439113	40.351	ng		98
67) 4-Bromophenyl-phenylether	11.02	248	142941	40.060	ng	#	90
68) Hexachlorobenzene	11.09	284	152149	40.444	ng		96
69) Atrazine	11.17	200	133597	40.151	ng		97
70) Pentachlorophenol	11.29	266	81146	40.424	ng		97
71) Phenanthrene	11.51	178	696210	40.251	ng		100
72) Anthracene	11.56	178	699909	40.113	ng		98
73) Carbazole	11.72	167	676140	40.350	ng		100
74) Di-n-butylphthalate	12.03	149	795510	40.483	ng		99
75) Fluoranthene	12.70	202	698430	40.276	ng		99
77) Benzidine	12.82	184	244579	36.862	ng		99
78) Pyrene	12.93	202	728438	39.211	ng		98
80) Butylbenzylphthalate	13.53	149	324631	40.600	ng		98
81) Benzo(a)anthracene	14.12	228	582842	40.416	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	188111	38.938	ng		99
83) Chrysene	14.16	228	554910	40.389	ng		99
84) Bis(2-ethylhexyl)phthalate	14.08	149	413670	41.704	ng		97
85) Di-n-octyl phthalate	14.70	149	647882	44.417	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	377467	38.286	ng		97
88) Benzo(b)fluoranthene	15.20	252	430937	41.860	ng		100
89) Benzo(k)fluoranthene	15.24	252	403047	39.621	ng		100
90) Benzo(a)pyrene	15.60	252	372978	39.875	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	314886	39.781	ng		98
92) Benzo(g,h,i)perylene	17.71	276	311365	39.646	ng		97

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

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