

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103674.D
 Acq On : 15 Mar 2018 17:56
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031518

Quant Time: Mar 15 18:32:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151233	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	631060	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	294649	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	520257	20.00	ng	0.00
75) Chrysene-d12	14.16	240	428930	20.00	ng	0.00
86) Perylene-d12	15.69	264	401526	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	787223	79.17	ng	0.00
7) Phenol-d6	6.58	99	951735	78.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	808758	89.37	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219289	86.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1420020	76.88	ng	0.00
78) Terphenyl-d14	13.09	244	1357918	73.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	192379	39.293	ng	94
3) Pyridine	3.58	79	537282	39.898	ng	90
4) n-Nitrosodimethylamine	3.54	42	192806	38.831	ng	95
6) Aniline	6.63	93	665423	38.309	ng	97
8) 2-Chlorophenol	6.75	128	415585	39.899	ng	95
9) Benzaldehyde	6.52	77	312843	39.146	ng	99
10) Phenol	6.59	94	509184	39.392	ng	99
11) bis(2-Chloroethyl)ether	6.70	93	410670	38.485	ng	98
12) 1,3-Dichlorobenzene	6.91	146	456759	38.502	ng	100
13) 1,4-Dichlorobenzene	6.99	146	462954	38.836	ng	99
14) 1,2-Dichlorobenzene	7.14	146	439257	39.709	ng	100
15) Benzyl Alcohol	7.10	79	372560	39.528	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	584727	38.526	ng	96
17) 2-Methylphenol	7.20	107	360078	38.820	ng	99
18) Hexachloroethane	7.48	117	169366	40.391	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	301773	38.709	ng	97
20) 3+4-Methylphenols	7.36	107	471284	40.036	ng	95
22) Acetophenone	7.37	105	622241	38.366	ng	# 95
24) Nitrobenzene	7.55	77	447955	42.165	ng	97
25) Isophorone	7.79	82	799987	38.188	ng	99
26) 2-Nitrophenol	7.86	139	172052	43.635	ng	98
27) 2,4-Dimethylphenol	7.89	122	357724	39.861	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	489369	38.578	ng	100
29) 2,4-Dichlorophenol	8.10	162	328017	40.175	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	365536	38.600	ng	100
31) Naphthalene	8.27	128	1232109	38.651	ng	100
32) Benzoic acid	8.00	122	266498	43.306	ng	95
33) 4-Chloroaniline	8.32	127	508268	38.005	ng	99
34) Hexachlorobutadiene	8.39	225	200414	38.600	ng	98
35) Caprolactam	8.69	113	112446	39.995	ng	93
36) 4-Chloro-3-methylphenol	8.79	107	358034	39.777	ng	99
37) 2-Methylnaphthalene	8.96	142	780486	38.608	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	328465	39.075	ng	100
40) Hexachlorocyclopentadiene	9.12	237	187039	43.121	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	223087	41.491	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	254671	41.965	ng	97
45) 1,1'-Biphenyl	9.43	154	953995	38.829	ng	100
46) 2-Chloronaphthalene	9.46	162	755258	38.702	ng	98
47) 2-Nitroaniline	9.55	65	218602	43.556	ng	92
48) Acenaphthylene	9.87	152	1167857	38.593	ng	99
49) Dimethylphthalate	9.73	163	874522	38.902	ng	100
50) 2,6-Dinitrotoluene	9.79	165	182323	42.430	ng	90
51) Acenaphthene	10.05	154	706300	39.309	ng	99
52) 3-Nitroaniline	9.96	138	213943	41.602	ng	93
53) 2,4-Dinitrophenol	10.06	184	43065	47.313	ng	# 40
54) Dibenzofuran	10.22	168	986830	38.455	ng	98
55) 4-Nitrophenol	10.10	139	161774	41.834	ng	93
56) 2,4-Dinitrotoluene	10.19	165	230528	42.640	ng	97
57) Fluorene	10.56	166	761978	38.265	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184461	42.897	ng	100
59) Diethylphthalate	10.43	149	868279	38.915	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	344600	37.866	ng	96
61) 4-Nitroaniline	10.57	138	208574	42.082	ng	96
62) Azobenzene	10.71	77	872121	38.446	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	84830	45.549	ng	93
65) n-Nitrosodiphenylamine	10.67	169	690086	38.969	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	209325	39.187	ng	98
67) Hexachlorobenzene	11.10	284	236661	38.818	ng	99
68) Atrazine	11.19	200	211629	38.632	ng	99
69) Pentachlorophenol	11.30	266	150999	43.080	ng	97
70) Phenanthrene	11.53	178	1099436	38.632	ng	99
71) Anthracene	11.58	178	1113373	38.518	ng	100
72) Carbazole	11.73	167	1092685	38.894	ng	99
73) Di-n-butylphthalate	12.06	149	1347214	39.965	ng	99
74) Fluoranthene	12.72	202	1131240	38.583	ng	98
76) Benzidine	12.84	184	698975	38.208	ng	# 95
77) Pyrene	12.95	202	1184878	37.615	ng	100
79) Butylbenzylphthalate	13.56	149	567537	40.665	ng	97
80) Benzo(a)anthracene	14.14	228	1042492	38.396	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	372282	40.992	ng	97
82) Chrysene	14.19	228	1011053	39.064	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	827079	41.483	ng	100
84) Di-n-octyl phthalate	14.76	149	1276152	43.996	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	965188	42.703	ng	97
87) Benzo(b)fluoranthene	15.24	252	988263	38.958	ng	98
88) Benzo(k)fluoranthene	15.27	252	913871	37.477	ng	99
89) Benzo(a)pyrene	15.63	252	897851	39.023	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	808218	40.567	ng	98
91) Benzo(g,h,i)perylene	17.74	276	777124	40.095	ng	97

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

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