

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103090.D
 Acq On : 19 Feb 2018 18:44
 Operator : SJ/JU
 Sample : J1392-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618MSD

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:41 AM

Quant Time: Feb 20 00:50:16 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	178631	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	749181	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	331025	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	531076	20.00	ng	0.00
75) Chrysene-d12	14.05	240	301135	20.00	ng	0.00
86) Perylene-d12	15.54	264	319735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1377094	117.08	ng	0.03
7) Phenol-d6	6.52	99	1583549	111.81	ng	0.01
23) Nitrobenzene-d5	7.45	82	1180054	109.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	360051	135.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1789902	89.72	ng	0.00
78) Terphenyl-d14	12.99	244	1383001	108.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	232245	39.975	ng	88
3) Pyridine	3.57	79	440610	27.450	ng	93
4) n-Nitrosodimethylamine	3.53	42	314944	45.859	ng	100
6) Aniline	6.55	93	146950	7.026	ng	95
8) 2-Chlorophenol	6.67	128	539957	44.590	ng	100
9) Benzaldehyde	6.43	77	75976	7.224	ng	89
10) Phenol	6.53	94	600253	39.548	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	564118	44.666	ng	91
12) 1,3-Dichlorobenzene	6.82	146	586848	41.849	ng	99
13) 1,4-Dichlorobenzene	6.90	146	597421	42.768	ng	99
14) 1,2-Dichlorobenzene	7.05	146	538453	41.385	ng	99
15) Benzyl Alcohol	7.02	79	457770	42.041	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	966426	40.282	ng	96
17) 2-Methylphenol	7.14	107	462763	41.430	ng	95
18) Hexachloroethane	7.39	117	221675	46.278	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	380876	40.789	ng	99
20) 3+4-Methylphenols	7.29	107	545358	39.592	ng	# 57
22) Acetophenone	7.29	105	743077	40.532	ng	# 91
24) Nitrobenzene	7.47	77	621500	48.930	ng	95
25) Isophorone	7.70	82	1158928	46.603	ng	100
26) 2-Nitrophenol	7.78	139	329077	60.336	ng	96
27) 2,4-Dimethylphenol	7.82	122	536645	51.079	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	726548	49.319	ng	99
29) 2,4-Dichlorophenol	8.02	162	468354	49.038	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	468863	43.395	ng	98
31) Naphthalene	8.19	128	2280721	62.309	ng	99
32) Benzoic acid	7.96	122	377829	50.061	ng	96
33) 4-Chloroaniline	8.23	127	60019	3.806	ng	94
34) Hexachlorobutadiene	8.29	225	233439	42.163	ng	98
35) Caprolactam	8.62	113	135215m	40.766	ng	
36) 4-Chloro-3-methylphenol	8.72	107	524603	48.886	ng	99
37) 2-Methylnaphthalene	8.87	142	1130740	47.184	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	403736	44.794	ng	99
40) Hexachlorocyclopentadiene	9.02	237	235340	54.926	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	295968	49.994	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	314673	47.159	ng	99
45) 1,1'-Biphenyl	9.34	154	1212667	43.494	ng	99
46) 2-Chloronaphthalene	9.37	162	964161	43.925	ng	97
47) 2-Nitroaniline	9.46	65	349972	51.404	ng	87
48) Acenaphthylene	9.79	152	1460770	42.848	ng	99
49) Dimethylphthalate	9.64	163	1218542	47.211	ng	99
50) 2,6-Dinitrotoluene	9.71	165	267975	54.571	ng	90
51) Acenaphthene	9.96	154	839778	41.189	ng	99
52) 3-Nitroaniline	9.87	138	64045	10.600	ng	97
53) 2,4-Dinitrophenol	9.99	184	210410	104.690	ng	# 22
54) Dibenzofuran	10.13	168	1237666	43.076	ng	97
55) 4-Nitrophenol	10.05	139	370233	74.837	ng	90
56) 2,4-Dinitrotoluene	10.12	165	336378	50.879	ng	94
57) Fluorene	10.47	166	962022	46.019	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	232822	50.344	ng	99
59) Diethylphthalate	10.34	149	1129575	44.322	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	426492	46.118	ng	99
61) 4-Nitroaniline	10.49	138	246409	42.844	ng	95
62) Azobenzene	10.62	77	1098458	43.144	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	143443	59.957	ng	94
65) n-Nitrosodiphenylamine	10.58	169	846096	45.167	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	269891	48.042	ng	90
67) Hexachlorobenzene	11.02	284	279301	45.067	ng	# 90
68) Atrazine	11.10	200	201954	36.544	ng	97
69) Pentachlorophenol	11.22	266	270089	74.240	ng	97
70) Phenanthrene	11.43	178	1301796	44.013	ng	99
71) Anthracene	11.49	178	1341820	44.604	ng	100
72) Carbazole	11.64	167	1223891	41.527	ng	99
73) Di-n-butylphthalate	11.96	149	1669483	46.633	ng	100
74) Fluoranthene	12.62	202	1163674	39.104	ng	97
77) Pyrene	12.86	202	1128104	47.773	ng	100
79) Butylbenzylphthalate	13.46	149	614732	54.287	ng	97
80) Benzo(a)anthracene	14.04	228	926070	48.899	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	112047	15.957	ng	99
82) Chrysene	14.08	228	860434	45.070	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	838288	57.951	ng	100
84) Di-n-octyl phthalate	14.64	149	1339468	61.669	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	902292	56.986	ng	99
87) Benzo(b)fluoranthene	15.11	252	912274	44.008	ng	96
88) Benzo(k)fluoranthene	15.14	252	910932	45.991	ng	99
89) Benzo(a)pyrene	15.49	252	898546	48.156	ng	97
90) Dibenzo(a,h)anthracene	17.08	278	755000	49.851	ng	99
91) Benzo(g,h,i)perylene	17.52	276	732761	49.431	ng	94

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

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