

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110041.D
 Acq On : 22 Oct 2018 11:32
 Operator : JU/SJ
 Sample : PB114001BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:32 PM

Quant Time: Oct 23 02:20:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163380	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	685617	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	330810	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	642839	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	490604	20.00	ng	-0.01
87) Perylene-d12	15.67	264	365343	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1330120	129.05	ng	0.00
7) Phenol-d6	6.60	99	1685607	131.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	886440	87.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	427675	149.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1652402	79.70	ng	-0.01
79) Terphenyl-d14	13.09	244	1677614	71.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	181987	31.087	ng	91
3) Pyridine	3.69	79	506068	38.775	ng	87
4) n-Nitrosodimethylamine	3.65	42	230655	43.323	ng	# 95
6) Aniline	6.63	93	565893	32.810	ng	# 53
8) 2-Chlorophenol	6.76	128	473196	40.986	ng	98
9) Benzaldehyde	6.52	77	265448	31.916	ng	95
10) Phenol	6.61	94	563870	40.806	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	443371	38.374	ng	92
12) 1,3-Dichlorobenzene	6.91	146	510788	40.347	ng	98
13) 1,4-Dichlorobenzene	6.99	146	516128	40.481	ng	98
14) 1,2-Dichlorobenzene	7.14	146	479527	40.843	ng	99
15) Benzyl Alcohol	7.11	79	415937	42.242	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	742978	39.179	ng	68
17) 2-Methylphenol	7.21	107	391139	42.013	ng	# 82
18) Hexachloroethane	7.48	117	191480	42.497	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	321692	39.146	ng	93
20) 3+4-Methylphenols	7.36	107	494927	41.893	ng	93
22) Acetophenone	7.37	105	644468	40.533	ng	# 95
24) Nitrobenzene	7.55	77	484325	43.804	ng	95
25) Isophorone	7.79	82	893840	44.696	ng	96
26) 2-Nitrophenol	7.87	139	235550	51.382	ng	90
27) 2,4-Dimethylphenol	7.90	122	443853	46.078	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	567368	41.339	ng	98
29) 2,4-Dichlorophenol	8.10	162	397731	42.563	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	425556	40.673	ng	96
31) Naphthalene	8.27	128	1366969	43.479	ng	99
32) Benzoic acid	8.02	122	264961	44.147	ng	89
33) 4-Chloroaniline	8.32	127	333724	23.613	ng	97
34) Hexachlorobutadiene	8.39	225	235505	40.819	ng	98
35) Caprolactam	8.69	113	143288m	43.177	ng	
36) 4-Chloro-3-methylphenol	8.80	107	427651	43.382	ng	94
37) 2-Methylnaphthalene	8.97	142	947567	46.544	ng	99
38) 1-Methylnaphthalene	9.07	142	886308	44.928	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	395343	38.800	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110041.D
 Acq On : 22 Oct 2018 11:32
 Operator : JU/SJ
 Sample : PB114001BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:32 PM

Quant Time: Oct 23 02:20:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	506789	103.049	ng	100
43) 2,4,6-Trichlorophenol	9.24	196	267364	41.964	ng	97
44) 2,4,5-Trichlorophenol	9.28	196	283978	42.945	ng	95
46) 1,1'-Biphenyl	9.43	154	1129925	38.337	ng	98
47) 2-Chloronaphthalene	9.46	162	867458	39.956	ng	99
48) 2-Nitroaniline	9.55	65	270415	48.535	ng	97
49) Acenaphthylene	9.87	152	1354723	42.953	ng	98
50) Dimethylphthalate	9.73	163	989020	42.222	ng	99
51) 2,6-Dinitrotoluene	9.79	165	222317	49.969	ng	97
52) Acenaphthene	10.05	154	928950	46.263	ng	98
53) 3-Nitroaniline	9.96	138	181143	33.470	ng	91
54) 2,4-Dinitrophenol	10.07	184	178684	120.941	ng	89
55) Dibenzofuran	10.22	168	1191344	41.603	ng	98
56) 4-Nitrophenol	10.13	139	538210	130.332	ng	88
57) 2,4-Dinitrotoluene	10.20	165	301083	53.041	ng	91
58) Fluorene	10.56	166	936771	44.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	240606	45.911	ng	94
60) Diethylphthalate	10.43	149	967515	41.819	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	443462	40.839	ng	98
62) 4-Nitroaniline	10.59	138	256517	50.071	ng	92
63) Azobenzene	10.72	77	975436	40.358	ng	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	115446	49.313	ng	98
66) n-Nitrosodiphenylamine	10.67	169	836672	39.078	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	274441	39.393	ng	96
68) Hexachlorobenzene	11.11	284	281681	37.916	ng	# 93
69) Atrazine	11.20	200	279714	41.824	ng	98
70) Pentachlorophenol	11.30	266	301424	71.294	ng	98
71) Phenanthrene	11.53	178	1415241	42.525	ng	100
72) Anthracene	11.58	178	1447240	43.255	ng	99
73) Carbazole	11.73	167	1288647	39.189	ng	100
74) Di-n-butylphthalate	12.05	149	1499711	40.866	ng	100
75) Fluoranthene	12.72	202	1456634	43.813	ng	100
77) Benzidine	12.84	184	919735	48.895	ng	97
78) Pyrene	12.95	202	1482423	41.140	ng	99
80) Butylbenzylphthalate	13.56	149	645778	44.329	ng	100
81) Benzo(a)anthracene	14.14	228	1257636	43.520	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	224603	22.170	ng	100
83) Chrysene	14.18	228	1155030	41.991	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	860965	44.915	ng	96
85) Di-n-octyl phthalate	14.73	149	1296520	47.975	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	869749	39.272	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	1002644	47.603	ng	98
89) Benzo(k)fluoranthene	15.25	252	909626	43.815	ng	98
90) Benzo(a)pyrene	15.60	252	879153	45.383	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	722182	42.066	ng	97
92) Benzo(g,h,i)perylene	17.71	276	714205	41.175	ng	95

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

