

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110045.D
 Acq On : 22 Oct 2018 13:22
 Operator : JU/SJ
 Sample : PB114048BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:37 PM

Quant Time: Oct 23 02:37:21 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	241135	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	1008855	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	488745	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	913672	20.00	ng	0.00
76) Chrysene-d12	14.16	240	638310	20.00	ng	0.00
87) Perylene-d12	15.67	264	484403	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1794931	117.99	ng	0.01
7) Phenol-d6	6.60	99	2267494	120.04	ng	0.00
23) Nitrobenzene-d5	7.54	82	1309043	87.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	552403	130.55	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2337929	76.33	ng	0.00
79) Terphenyl-d14	13.09	244	1893797	62.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	212895	24.640	ng	90
3) Pyridine	3.70	79	575791	29.892	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	334481	42.567	ng	95
6) Aniline	6.64	93	843603	33.140	ng	# 54
8) 2-Chlorophenol	6.76	128	687796	40.364	ng	98
9) Benzaldehyde	6.52	77	340154	27.710	ng	98
10) Phenol	6.62	94	862999	42.315	ng	# 66
11) bis(2-Chloroethyl)ether	6.71	93	658172	38.597	ng	95
12) 1,3-Dichlorobenzene	6.91	146	722856	38.686	ng	100
13) 1,4-Dichlorobenzene	6.99	146	736272	39.126	ng	96
14) 1,2-Dichlorobenzene	7.15	146	678220	39.139	ng	100
15) Benzyl Alcohol	7.11	79	595980	41.010	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1078186	38.522	ng	68
17) 2-Methylphenol	7.22	107	580956	42.280	ng	# 80
18) Hexachloroethane	7.48	117	275091	41.367	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	472792	38.982	ng	97
20) 3+4-Methylphenols	7.37	107	701637	40.240	ng	96
22) Acetophenone	7.38	105	955803	40.853	ng	96
24) Nitrobenzene	7.56	77	717287	44.089	ng	94
25) Isophorone	7.79	82	1343827	45.667	ng	96
26) 2-Nitrophenol	7.87	139	350549	51.967	ng	96
27) 2,4-Dimethylphenol	7.90	122	653036	46.073	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	824155	40.809	ng	99
29) 2,4-Dichlorophenol	8.11	162	581710	42.306	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	628113	40.798	ng	95
31) Naphthalene	8.28	128	1964962	42.474	ng	99
32) Benzoic acid	8.03	122	410169	46.445	ng	90
33) 4-Chloroaniline	8.32	127	540162	25.974	ng	99
34) Hexachlorobutadiene	8.39	225	334921	39.451	ng	100
35) Caprolactam	8.70	113	215512m	44.133	ng	
36) 4-Chloro-3-methylphenol	8.80	107	628103	43.301	ng	96
37) 2-Methylnaphthalene	8.97	142	1364448	45.548	ng	99
38) 1-Methylnaphthalene	9.07	142	1272875	43.850	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	570256	37.881	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	684261	94.175	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	399930	42.487	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	422679	43.265	nq	95
46) 1,1'-Biphenyl	9.43	154	1628254	37.392	nq	97
47) 2-Chloronaphthalene	9.46	162	1251237	39.009	nq	99
48) 2-Nitroaniline	9.56	65	399677	48.555	nq	95
49) Acenaphthylene	9.88	152	1948052	41.807	nq	97
50) Dimethylphthalate	9.73	163	1433806	41.430	nq	99
51) 2,6-Dinitrotoluene	9.80	165	323525	49.219	nq	97
52) Acenaphthene	10.05	154	1207011	40.687	nq	99
53) 3-Nitroaniline	9.97	138	269572	33.714	nq	95
54) 2,4-Dinitrophenol	10.08	184	266437	121.979	nq	84
55) Dibenzofuran	10.23	168	1687605	39.889	nq	98
56) 4-Nitrophenol	10.13	139	577299	94.623	nq	93
57) 2,4-Dinitrotoluene	10.20	165	434745	51.942	nq	92
58) Fluorene	10.57	166	1323245	42.965	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	354847	45.830	nq	96
60) Diethylphthalate	10.43	149	1378459	40.328	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	615422	38.361	nq	97
62) 4-Nitroaniline	10.59	138	371106	49.030	nq	94
63) Azobenzene	10.72	77	1379554	38.634	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	170315	50.885	nq	98
66) n-Nitrosodiphenylamine	10.67	169	1189283	39.082	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	378756	38.251	nq	# 89
68) Hexachlorobenzene	11.12	284	404730	38.330	nq	96
69) Atrazine	11.20	200	403662	42.466	nq	98
70) Pentachlorophenol	11.31	266	435671	72.501	nq	96
71) Phenanthrene	11.53	178	1937161	40.954	nq	98
72) Anthracene	11.59	178	1996106	41.975	nq	99
73) Carbazole	11.74	167	1781419	38.116	nq	98
74) Di-n-butylphthalate	12.06	149	2042500	39.159	nq	99
75) Fluoranthene	12.72	202	1984790	42.003	nq	97
77) Benzidine	12.84	184	1113430	45.495	nq	97
78) Pyrene	12.96	202	1981662	42.269	nq	99
80) Butylbenzylphthalate	13.56	149	865143	45.645	nq	94
81) Benzo(a)anthracene	14.14	228	1635678	43.504	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	360778	27.371	nq	99
83) Chrysene	14.18	228	1490645	41.653	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	1119404	44.884	nq	96
85) Di-n-octyl phthalate	14.73	149	1665178	47.358	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1252835	43.479	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	1264062	45.263	nq	97
89) Benzo(k)fluoranthene	15.25	252	1227979	44.611	nq	# 96
90) Benzo(a)pyrene	15.61	252	1182618	46.043	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	1032831	45.374	nq	98
92) Benzo(g,h,i)perylene	17.72	276	1052872	45.780	nq	# 95

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

