

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130388.D
 Acq On : 23 Sep 2022 13:00
 Operator : CG\JU
 Sample : PB147862BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147862BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 23 16:05:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	113590	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	466500	20.000	ng	-0.01
39) Acenaphthene-d10	9.692	164	251235	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	451011	20.000	ng	0.00
76) Chrysene-d12	13.810	240	304571	20.000	ng	0.00
86) Perylene-d12	15.198	264	236923	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	893080	136.369	ng	0.01
7) Phenol-d6	6.304	99	1091630	133.218	ng	0.00
23) Nitrobenzene-d5	7.222	82	694465	76.054	ng	-0.01
42) 2,4,6-Tribromophenol	10.486	330	377823	156.948	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1360005	78.828	ng	0.00
79) Terphenyl-d14	12.763	244	1617736	87.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.346	88	97313	32.355	ng	96
3) Pyridine	3.022	79	250575	31.937	ng	94
4) n-Nitrosodimethylamine	2.981	42	152582	35.756	ng	94
6) Aniline	6.316	93	415354	41.139	ng	# 38
8) 2-Chlorophenol	6.440	128	332075	44.513	ng	91
9) Benzaldehyde	6.198	77	184706	33.651	ng	94
10) Phenol	6.316	94	400458	41.702	ng	# 72
11) bis(2-Chloroethyl)ether	6.398	93	297297	42.922	ng	92
12) 1,3-Dichlorobenzene	6.593	146	357264	43.523	ng	97
13) 1,4-Dichlorobenzene	6.669	146	367514	43.904	ng	99
14) 1,2-Dichlorobenzene	6.822	146	347522	44.442	ng	97
15) Benzyl Alcohol	6.804	79	196327	30.218	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.934	45	368056	36.433	ng	85
17) 2-Methylphenol	6.922	107	274455	45.257	ng	96
18) Hexachloroethane	7.163	117	138470	41.965	ng	95
19) n-Nitroso-di-n-propyla...	7.075	70	216326	39.123	ng	93
20) 3+4-Methylphenols	7.075	107	322204	40.899	ng	# 79
22) Acetophenone	7.069	105	465731	40.835	ng	92
24) Nitrobenzene	7.240	77	344257	37.130	ng	96
25) Isophorone	7.481	82	596391	40.523	ng	98
26) 2-Nitrophenol	7.557	139	176386	46.407	ng	# 88
27) 2,4-Dimethylphenol	7.604	122	264143	45.135	ng	94
28) bis(2-Chloroethoxy)met...	7.698	93	351180	42.377	ng	99
29) 2,4-Dichlorophenol	7.804	162	271549	42.343	ng	97
30) 1,2,4-Trichlorobenzene	7.881	180	285597	41.190	ng	95
31) Naphthalene	7.957	128	951482	39.590	ng	99
32) Benzoic acid	7.745	122	162449	35.895	ng	92
33) 4-Chloroaniline	8.016	127	339987	37.195	ng	96
34) Hexachlorobutadiene	8.075	225	179891	40.597	ng	99
35) Caprolactam	8.392	113	88149m	47.946	ng	
36) 4-Chloro-3-methylphenol	8.510	107	296523	41.714	ng	100
37) 2-Methylnaphthalene	8.651	142	622824	40.645	ng	99
38) 1-Methylnaphthalene	8.751	142	590096	40.087	ng	99
40) 1,2,4,5-Tetrachloroben...	8.816	216	287870	41.986	ng	99
41) Hexachlorocyclopentadiene	8.804	237	357477	97.384	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	189602	39.623	ng	95

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44) 2,4,5-Trichlorophenol	8.975	196	212089	41.074	ng	98
46) 1,1'-Biphenyl	9.116	154	759887	40.498	ng	99
47) 2-Chloronaphthalene	9.139	162	593476	39.100	ng	97
48) 2-Nitroaniline	9.239	65	188015	37.139	ng	93
49) Acenaphthylene	9.551	152	911782	40.065	ng	100
50) Dimethylphthalate	9.428	163	696773	40.150	ng	99
51) 2,6-Dinitrotoluene	9.486	165	156287	43.061	ng	# 86
52) Acenaphthene	9.728	154	663429m	44.369	ng	
53) 3-Nitroaniline	9.657	138	137746	34.060	ng	88
54) 2,4-Dinitrophenol	9.763	184	169781	85.747	ng	90
55) Dibenzofuran	9.898	168	830637	39.939	ng	99
56) 4-Nitrophenol	9.834	139	254766	86.490	ng	88
57) 2,4-Dinitrotoluene	9.892	165	217719	46.938	ng	90
58) Fluorene	10.239	166	675384	39.708	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.016	232	167723	41.499	ng	95
60) Diethylphthalate	10.122	149	691846	39.755	ng	100
61) 4-Chlorophenyl-phenyle...	10.233	204	310558	41.622	ng	98
62) 4-Nitroaniline	10.275	138	176073	43.339	ng	90
63) Azobenzene	10.392	77	636361	35.511	ng	97
65) 4,6-Dinitro-2-methylph...	10.298	198	114359	45.550	ng	81
66) n-Nitrosodiphenylamine	10.357	169	583200	38.696	ng	98
67) 4-Bromophenyl-phenylether	10.722	248	203731	40.948	ng	97
68) Hexachlorobenzene	10.781	284	235949	41.835	ng	97
69) Atrazine	10.892	200	198397	45.045	ng	96
70) Pentachlorophenol	10.986	266	251193	82.987	ng	99
71) Phenanthrene	11.198	178	993832	39.248	ng	99
72) Anthracene	11.251	178	1007088	41.213	ng	100
73) Carbazole	11.410	167	944283	42.819	ng	99
74) Di-n-butylphthalate	11.745	149	1101093	41.405	ng	99
75) Fluoranthene	12.386	202	1065555	43.549	ng	96
77) Benzidine	12.516	184	696974	78.831	ng	98
78) Pyrene	12.610	202	1065905	40.005	ng	100
80) Butylbenzylphthalate	13.239	149	447787	45.366	ng	97
81) Benzo(a)anthracene	13.798	228	848216	41.863	ng	100
82) 3,3'-Dichlorobenzidine	13.769	252	235937	42.778	ng	# 97
83) Chrysene	13.833	228	781240	40.608	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	555729	49.153	ng	# 98
85) Di-n-octyl phthalate	14.410	149	776796	44.920	ng	96
87) Indeno(1,2,3-cd)pyrene	16.533	276	679533	40.446	ng	98
88) Benzo(b)fluoranthene	14.810	252	688071	44.495	ng	99
89) Benzo(k)fluoranthene	14.839	252	670108	44.052	ng	98
90) Benzo(a)pyrene	15.145	252	576816	47.083	ng	97
91) Dibenzo(a,h)anthracene	16.551	278	579638	42.055	ng	98
92) Benzo(g,h,i)perylene	16.933	276	576987	41.557	ng	99

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

