

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130407.D
 Acq On : 26 Sep 2022 14:23
 Operator : CG\JU
 Sample : PB147850BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147850BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 01:04:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	113693	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	444873	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	238728	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	413264	20.000	ng	0.00
76) Chrysene-d12	13.804	240	241772	20.000	ng	0.00
86) Perylene-d12	15.192	264	207154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	884975	135.009	ng	0.02
7) Phenol-d6	6.304	99	1089043	132.782	ng	0.01
23) Nitrobenzene-d5	7.222	82	687072	78.902	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	367642	160.720	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1359116	82.903	ng	0.00
79) Terphenyl-d14	12.763	244	1468185	100.592	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.363	88	98163	32.608	ng	97
3) Pyridine	3.040	79	263646	33.572	ng	92
4) n-Nitrosodimethylamine	2.999	42	154526	36.179	ng	92
6) Aniline	6.316	93	393596	38.948	ng	# 24
8) 2-Chlorophenol	6.439	128	349388	46.791	ng	91
9) Benzaldehyde	6.198	77	205727	37.446	ng	96
10) Phenol	6.316	94	418075	43.497	ng	# 78
11) bis(2-Chloroethyl)ether	6.398	93	309198	44.600	ng	92
12) 1,3-Dichlorobenzene	6.592	146	365979	44.544	ng	98
13) 1,4-Dichlorobenzene	6.669	146	375652	44.835	ng	99
14) 1,2-Dichlorobenzene	6.822	146	357828	45.718	ng	96
15) Benzyl Alcohol	6.810	79	225600	34.693	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.934	45	379302	37.512	ng	80
17) 2-Methylphenol	6.922	107	289748	47.735	ng	97
18) Hexachloroethane	7.163	117	143456	43.437	ng	94
19) n-Nitroso-di-n-propyla...	7.081	70	227156	41.045	ng	91
20) 3+4-Methylphenols	7.075	107	351876	44.625	ng	# 80
22) Acetophenone	7.069	105	490970	45.140	ng	# 92
24) Nitrobenzene	7.245	77	356275	40.294	ng	# 89
25) Isophorone	7.481	82	634443	45.204	ng	97
26) 2-Nitrophenol	7.557	139	186896	51.563	ng	89
27) 2,4-Dimethylphenol	7.604	122	275570	49.377	ng	95
28) bis(2-Chloroethoxy)met...	7.698	93	378698	47.919	ng	99
29) 2,4-Dichlorophenol	7.804	162	287943	47.082	ng	94
30) 1,2,4-Trichlorobenzene	7.881	180	302864	45.804	ng	94
31) Naphthalene	7.957	128	1002908	43.758	ng	100
32) Benzoic acid	7.751	122	197102	45.669	ng	97
33) 4-Chloroaniline	8.016	127	269242	30.887	ng	94
34) Hexachlorobutadiene	8.075	225	189850	44.927	ng	99
35) Caprolactam	8.392	113	91493m	52.184	ng	
36) 4-Chloro-3-methylphenol	8.510	107	319279	47.099	ng	99
37) 2-Methylnaphthalene	8.651	142	649161	44.423	ng	98
38) 1-Methylnaphthalene	8.751	142	619975	44.164	ng	98
40) 1,2,4,5-Tetrachloroben...	8.816	216	306398	47.029	ng	99
41) Hexachlorocyclopentadiene	8.804	237	378340	108.467	ng	99
43) 2,4,6-Trichlorophenol	8.933	196	207207	45.571	ng	96

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44) 2,4,5-Trichlorophenol	8.975	196	226283	46.118	ng	97
46) 1,1'-Biphenyl	9.116	154	802956	45.036	ng	98
47) 2-Chloronaphthalene	9.139	162	632802	43.875	ng	97
48) 2-Nitroaniline	9.239	65	197696	41.097	ng	95
49) Acenaphthylene	9.551	152	958111	44.306	ng	100
50) Dimethylphthalate	9.428	163	747661	45.339	ng	99
51) 2,6-Dinitrotoluene	9.486	165	166010	48.136	ng	86
52) Acenaphthene	9.728	154	694619m	48.889	ng	
53) 3-Nitroaniline	9.651	138	125280	32.600	ng	95
54) 2,4-Dinitrophenol	9.763	184	186084	97.944	ng	89
55) Dibenzofuran	9.898	168	870299	44.038	ng	98
56) 4-Nitrophenol	9.833	139	249926	89.292	ng	86
57) 2,4-Dinitrotoluene	9.892	165	220091	49.935	ng	89
58) Fluorene	10.239	166	708610	43.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	175856	45.790	ng	94
60) Diethylphthalate	10.122	149	732488	44.295	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	337008	47.533	ng	96
62) 4-Nitroaniline	10.275	138	175392	45.433	ng	85
63) Azobenzene	10.392	77	662863	38.928	ng	96
65) 4,6-Dinitro-2-methylph...	10.298	198	113718	49.432	ng	80
66) n-Nitrosodiphenylamine	10.357	169	611754	44.298	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	216284	47.442	ng	95
68) Hexachlorobenzene	10.780	284	249337	48.247	ng	97
69) Atrazine	10.886	200	206257	51.107	ng	98
70) Pentachlorophenol	10.980	266	256529	92.491	ng	97
71) Phenanthrene	11.198	178	1005892	43.353	ng	100
72) Anthracene	11.251	178	1012609	45.224	ng	100
73) Carbazole	11.410	167	916036	45.332	ng	99
74) Di-n-butylphthalate	11.745	149	1088298	44.661	ng	99
75) Fluoranthene	12.380	202	1021854	45.577	ng	98
77) Benzidine	12.510	184	456694	65.071	ng	100
78) Pyrene	12.610	202	996099	47.096	ng	99
80) Butylbenzylphthalate	13.239	149	376896	48.102	ng	90
81) Benzo(a)anthracene	13.798	228	726721	45.183	ng	100
82) 3,3'-Dichlorobenzidine	13.763	252	195741	44.708	ng	99
83) Chrysene	13.833	228	671457	43.968	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	437442	48.741	ng	# 98
85) Di-n-octyl phthalate	14.410	149	634813	46.245	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	665122	45.277	ng	98
88) Benzo(b)fluoranthene	14.810	252	650903	48.141	ng	99
89) Benzo(k)fluoranthene	14.833	252	601617	45.233	ng	100
90) Benzo(a)pyrene	15.139	252	541931	50.592	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	582701	48.352	ng	97
92) Benzo(g,h,i)perylene	16.927	276	571625	47.087	ng	99

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

