

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126945.D
 Acq On : 18 Feb 2022 11:18
 Operator : CG\JU
 Sample : PB142765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142765BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2022
 Supervised By : Jagrut Upadhyay 02/21/2022

Quant Time: Feb 18 16:14:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	101777	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	413189	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	208088	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	378555	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	246919	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	180805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	584682	88.789	ng	0.01
7) Phenol-d6	6.557	99	759383	85.462	ng	0.00
23) Nitrobenzene-d5	7.498	82	773462	84.494	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	222193	92.741	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1203881	85.171	ng	0.00
79) Terphenyl-d14	13.051	244	1426553	84.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	104504	34.681	ng	97
3) Pyridine	3.581	79	236132	29.876	ng	91
4) n-Nitrosodimethylamine	3.551	42	171693	44.346	ng	# 71
6) Aniline	6.598	93	466580	44.318	ng	97
8) 2-Chlorophenol	6.716	128	327494	46.351	ng	98
9) Benzaldehyde	6.487	77	252260	46.639	ng	98
10) Phenol	6.569	94	409572	45.618	ng	83
11) bis(2-Chloroethyl)ether	6.669	93	316725	44.977	ng	98
12) 1,3-Dichlorobenzene	6.875	146	335540	44.024	ng	99
13) 1,4-Dichlorobenzene	6.951	146	344642	44.603	ng	99
14) 1,2-Dichlorobenzene	7.104	146	326975	44.374	ng	98
15) Benzyl Alcohol	7.075	79	321078	42.892	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.204	45	481841	43.453	ng	96
17) 2-Methylphenol	7.181	107	273449	44.733	ng	94
18) Hexachloroethane	7.445	117	133368	45.030	ng	# 89
19) n-Nitroso-di-n-propyla...	7.345	70	254503	44.450	ng	99
20) 3+4-Methylphenols	7.334	107	347515	43.779	ng	89
22) Acetophenone	7.345	105	488465	44.900	ng	# 95
24) Nitrobenzene	7.516	77	387203	44.776	ng	95
25) Isophorone	7.757	82	666274	43.986	ng	# 96
26) 2-Nitrophenol	7.833	139	169223	45.961	ng	# 81
27) 2,4-Dimethylphenol	7.863	122	296496	49.019	ng	91
28) bis(2-Chloroethoxy)met...	7.963	93	390158	42.486	ng	99
29) 2,4-Dichlorophenol	8.069	162	252468	44.397	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	275428	43.323	ng	98
31) Naphthalene	8.239	128	950869	44.085	ng	99
32) Benzoic acid	7.992	122	177331	41.340	ng	84
33) 4-Chloroaniline	8.286	127	305819	36.022	ng	98
34) Hexachlorobutadiene	8.351	225	163055	43.931	ng	99
35) Caprolactam	8.663	113	90382m	45.514	ng	
36) 4-Chloro-3-methylphenol	8.763	107	328308	45.174	ng	94
37) 2-Methylnaphthalene	8.928	142	636479	45.476	ng	95
38) 1-Methylnaphthalene	9.028	142	589048	43.951	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	254876	46.530	ng	98
41) Hexachlorocyclopentadiene	9.080	237	331202	111.484	ng	96
43) 2,4,6-Trichlorophenol	9.204	196	178123	44.337	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	188226	44.523	ng	95
46) 1,1'-Biphenyl	9.392	154	757394	45.940	ng	98
47) 2-Chloronaphthalene	9.422	162	543022	44.416	ng	94
48) 2-Nitroaniline	9.516	65	222667	46.154	ng	98
49) Acenaphthylene	9.839	152	903545	45.498	ng	98
50) Dimethylphthalate	9.692	163	664193	44.655	ng	98
51) 2,6-Dinitrotoluene	9.757	165	147252	48.660	ng	# 79
52) Acenaphthene	10.010	154	641967m	49.706	ng	
53) 3-Nitroaniline	9.927	138	147180	39.788	ng	97
54) 2,4-Dinitrophenol	10.033	184	150174	93.758	ng	# 86
55) Dibenzofuran	10.180	168	778306	43.825	ng	# 89
56) 4-Nitrophenol	10.086	139	253210	92.680	ng	# 75
57) 2,4-Dinitrotoluene	10.163	165	197973	48.385	ng	# 94
58) Fluorene	10.527	166	623886	45.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	155014	46.250	ng	96
60) Diethylphthalate	10.392	149	699819	45.028	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	287399	44.059	ng	99
62) 4-Nitroaniline	10.551	138	163931	44.878	ng	# 81
63) Azobenzene	10.675	77	754926	43.622	ng	94
65) 4,6-Dinitro-2-methylph...	10.569	198	93200	41.902	ng	81
66) n-Nitrosodiphenylamine	10.633	169	548846	44.215	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	185289	43.808	ng	89
68) Hexachlorobenzene	11.069	284	207337	45.535	ng	95
69) Atrazine	11.163	200	182888	47.504	ng	96
70) Pentachlorophenol	11.263	266	224373	90.270	ng	98
71) Phenanthrene	11.492	178	943330	44.521	ng	99
72) Anthracene	11.545	178	965236	45.760	ng	100
73) Carbazole	11.698	167	833554	43.092	ng	99
74) Di-n-butylphthalate	12.016	149	1092022	43.913	ng	98
75) Fluoranthene	12.680	202	927352	46.094	ng	95
77) Benzdine	12.804	184	512159	76.326	ng	97
78) Pyrene	12.916	202	928904	43.302	ng	100
80) Butylbenzylphthalate	13.521	149	437610	43.090	ng	93
81) Benzo(a)anthracene	14.098	228	728848	43.784	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	211131	40.245	ng	# 97
83) Chrysene	14.139	228	698290	44.609	ng	100
84) Bis(2-ethylhexyl)phtha...	14.074	149	575809	43.186	ng	# 97
85) Di-n-octyl phthalate	14.692	149	856820	44.633	ng	97
87) Indeno(1,2,3-cd)pyrene	17.151	276	539741	45.526	ng	# 86
88) Benzo(b)fluoranthene	15.168	252	626216	51.568	ng	# 94
89) Benzo(k)fluoranthene	15.198	252	540003	46.104	ng	# 96
90) Benzo(a)pyrene	15.551	252	533919	56.289	ng	# 94
91) Dibenzo(a,h)anthracene	17.174	278	460384	46.953	ng	# 92
92) Benzo(g,h,i)perylene	17.621	276	453470	46.911	ng	# 87

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

