

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126477.D
 Acq On : 4 Jan 2022 20:05
 Operator : JU/CG
 Sample : M5338-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(9.5-10)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

Quant Time: Jan 05 02:01:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	129733	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	555324	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	262750	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	425248	20.000	ng	0.00
76) Chrysene-d12	13.951	240	236339	20.000	ng	0.00
86) Perylene-d12	15.386	264	224699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	993422	109.965	ng	0.02
7) Phenol-d6	6.422	99	1282576	109.614	ng	0.00
23) Nitrobenzene-d5	7.351	82	843501	77.991	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	253876	125.038	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1151333	77.109	ng	0.00
79) Terphenyl-d14	12.898	244	993948	81.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	211635	46.716	ng	99
3) Pyridine	3.316	79	462148	37.819	ng	100
4) n-Nitrosodimethylamine	3.275	42	226192	45.022	ng	99
6) Aniline	6.445	93	317054	21.791	ng	95
8) 2-Chlorophenol	6.569	128	474150	52.629	ng	95
9) Benzaldehyde	6.334	77	310074	42.807	ng	94
10) Phenol	6.440	94	592425	45.370	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	497335	49.881	ng	96
12) 1,3-Dichlorobenzene	6.728	146	443803	49.295	ng	96
13) 1,4-Dichlorobenzene	6.804	146	448539	49.913	ng	98
14) 1,2-Dichlorobenzene	6.957	146	438749	50.108	ng	97
15) Benzyl Alcohol	6.928	79	411410	50.253	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	767975	49.044	ng	99
17) 2-Methylphenol	7.045	107	390677	49.298	ng	99
18) Hexachloroethane	7.298	117	182154	50.875	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	305628	45.774	ng	97
20) 3+4-Methylphenols	7.198	107	424579	45.001	ng	95
22) Acetophenone	7.192	105	607741	47.339	ng	97
24) Nitrobenzene	7.369	77	501870	46.372	ng	95
25) Isophorone	7.610	82	925535	47.804	ng	98
26) 2-Nitrophenol	7.687	139	249866	52.080	ng	93
27) 2,4-Dimethylphenol	7.728	122	410673	54.742	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	598392	47.312	ng	99
29) 2,4-Dichlorophenol	7.928	162	348397	50.861	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	352785	49.416	ng	99
31) Naphthalene	8.092	128	1287872	49.134	ng	99
32) Benzoic acid	7.869	122	340383	60.400	ng	94
33) 4-Chloroaniline	8.134	127	104228	9.492	ng	95
34) Hexachlorobutadiene	8.210	225	172619	49.747	ng	98
35) Caprolactam	8.516	113	139007m	79.769	ng	
36) 4-Chloro-3-methylphenol	8.628	107	419124	50.136	ng	99
37) 2-Methylnaphthalene	8.781	142	817799	52.890	ng	98
38) 1-Methylnaphthalene	8.881	142	754509	50.471	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	276808	48.482	ng	98
41) Hexachlorocyclopentadiene	8.939	237	293198	126.129	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	214415	50.780	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	225637	49.645	ng	99
46) 1,1'-Biphenyl	9.251	154	935107	48.523	ng	99
47) 2-Chloronaphthalene	9.275	162	706913	48.430	ng	100
48) 2-Nitroaniline	9.369	65	255939	43.422	ng	90
49) Acenaphthylene	9.686	152	1083013	48.921	ng	100
50) Dimethylphthalate	9.557	163	805889	49.131	ng	100
51) 2,6-Dinitrotoluene	9.616	165	187545	52.943	ng	91
52) Acenaphthene	9.863	154	759831m	52.353	ng	
53) 3-Nitroaniline	9.775	138	102650	21.135	ng	94
54) 2,4-Dinitrophenol	9.892	184	177133	96.437	ng	# 82
55) Dibenzofuran	10.033	168	921105	46.947	ng	98
56) 4-Nitrophenol	9.951	139	345091	99.903	ng	96
57) 2,4-Dinitrotoluene	10.016	165	245404	53.695	ng	94
58) Fluorene	10.375	166	661812	47.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	165681	50.789	ng	95
60) Diethylphthalate	10.251	149	776518	49.121	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	283844	46.887	ng	96
62) 4-Nitroaniline	10.398	138	202828	44.340	ng	92
63) Azobenzene	10.528	77	920571	45.210	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	119176	51.751	ng	98
66) n-Nitrosodiphenylamine	10.486	169	632670	47.954	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	188518	49.945	ng	99
68) Hexachlorobenzene	10.922	284	221123	50.364	ng	99
69) Atrazine	11.016	200	192211	84.607	ng	99
70) Pentachlorophenol	11.122	266	220137	103.161	ng	96
71) Phenanthrene	11.339	178	1034465	47.582	ng	99
72) Anthracene	11.386	178	1062521	48.843	ng	100
73) Carbazole	11.545	167	966896	45.390	ng	99
74) Di-n-butylphthalate	11.875	149	1223216	50.437	ng	99
75) Fluoranthene	12.522	202	982927	49.536	ng	99
77) Benzidine	12.645	184	326752	86.778	ng	99
78) Pyrene	12.751	202	996803	49.908	ng	99
80) Butylbenzylphthalate	13.374	149	464526	52.487	ng	88
81) Benzo(a)anthracene	13.939	228	630734	46.406	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	183196	28.891	ng	99
83) Chrysene	13.974	228	685277	49.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	513689	56.006	ng	100
85) Di-n-octyl phthalate	14.545	149	940573	59.130	ng	97
87) Indeno(1,2,3-cd)pyrene	16.810	276	776489	51.635	ng	99
88) Benzo(b)fluoranthene	14.974	252	690529	51.587	ng	98
89) Benzo(k)fluoranthene	15.004	252	644137	49.676	ng	98
90) Benzo(a)pyrene	15.327	252	662377	59.016	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	637254	52.516	ng	99
92) Benzo(g,h,i)perylene	17.239	276	700675	54.227	ng	98

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

