

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131335.D
 Acq On : 22 Nov 2022 17:54
 Operator : CG\JU
 Sample : N5642-09MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEFT-SIDE-FLATS-29MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 04:17:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99769	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	361062	20.000	ng	# 0.00
39) Acenaphthene-d10	10.022	164	200392	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	364051	20.000	ng	0.00
76) Chrysene-d12	14.174	240	181556	20.000	ng	0.00
86) Perylene-d12	15.710	264	191817	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	638598	121.820	ng	0.01
7) Phenol-d6	6.581	99	802374	119.966	ng	0.00
23) Nitrobenzene-d5	7.534	82	508094	70.936	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	222159	131.774	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	961086	69.774	ng	0.00
79) Terphenyl-d14	13.110	244	928216	83.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	107945	43.193	ng	99
3) Pyridine	3.616	79	289484	41.716	ng	97
4) n-Nitrosodimethylamine	3.587	42	186195	45.498	ng	99
6) Aniline	6.622	93	163121m	18.609	ng	
8) 2-Chlorophenol	6.745	128	291452	49.075	ng	99
9) Benzaldehyde	6.516	77	174030	43.119	ng	98
10) Phenol	6.598	94	354006	47.738	ng	97
11) bis(2-Chloroethyl)ether	6.698	93	283207	45.583	ng	98
12) 1,3-Dichlorobenzene	6.904	146	317647	44.878	ng	98
13) 1,4-Dichlorobenzene	6.981	146	320187	44.519	ng	98
14) 1,2-Dichlorobenzene	7.134	146	310991	46.962	ng	98
15) Benzyl Alcohol	7.104	79	233820	42.636	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	511235	43.026	ng	95
17) 2-Methylphenol	7.210	107	237062	46.834	ng	98
18) Hexachloroethane	7.481	117	122610	47.656	ng	95
19) n-Nitroso-di-n-propyla...	7.381	70	214505	43.810	ng	96
20) 3+4-Methylphenols	7.363	107	302019	46.731	ng	93
22) Acetophenone	7.375	105	413433	44.985	ng	# 98
24) Nitrobenzene	7.551	77	330625	44.303	ng	98
25) Isophorone	7.792	82	596741	46.697	ng	97
26) 2-Nitrophenol	7.869	139	140028	56.121	ng	91
27) 2,4-Dimethylphenol	7.898	122	269774	54.456	ng	100
28) bis(2-Chloroethoxy)met...	7.998	93	350928	48.350	ng	99
29) 2,4-Dichlorophenol	8.104	162	256140	47.666	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	287726	43.223	ng	97
31) Naphthalene	8.281	128	813923	42.302	ng	98
32) Benzoic acid	7.969	122	47485m	21.338	ng	
33) 4-Chloroaniline	8.316	127	55627	7.328	ng	98
34) Hexachlorobutadiene	8.392	225	184069	42.702	ng	99
35) Caprolactam	8.698	113	72942m	51.656	ng	
36) 4-Chloro-3-methylphenol	8.798	107	279742	50.108	ng	94
37) 2-Methylnaphthalene	8.969	142	560985	43.031	ng	100
38) 1-Methylnaphthalene	9.069	142	520410	41.166	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	287835	44.262	ng	98
41) Hexachlorocyclopentadiene	9.122	237	333249	113.995	ng	97
43) 2,4,6-Trichlorophenol	9.245	196	189263	51.304	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.287	196	202441	48.801	ng	98
46) 1,1'-Biphenyl	9.439	154	691117	45.194	ng	99
47) 2-Chloronaphthalene	9.463	162	550194	44.850	ng	99
48) 2-Nitroaniline	9.557	65	191102	51.307	ng	97
49) Acenaphthylene	9.886	152	844744	45.173	ng	99
50) Dimethylphthalate	9.739	163	645867	46.259	ng	100
51) 2,6-Dinitrotoluene	9.804	165	138697	49.673	ng	# 78
52) Acenaphthene	10.057	154	529662	45.232	ng	98
53) 3-Nitroaniline	9.969	138	51821	18.061	ng	# 95
54) 2,4-Dinitrophenol	10.075	184	62910	57.086	ng	# 82
55) Dibenzofuran	10.228	168	748004	44.401	ng	99
56) 4-Nitrophenol	10.128	139	201536	101.211	ng	97
57) 2,4-Dinitrotoluene	10.204	165	184183	52.426	ng	96
58) Fluorene	10.575	166	578882	44.029	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	164703	47.675	ng	100
60) Diethylphthalate	10.445	149	609750	46.251	ng	98
61) 4-Chlorophenyl-phenyle...	10.563	204	301403	44.718	ng	98
62) 4-Nitroaniline	10.592	138	125080	43.804	ng	97
63) Azobenzene	10.728	77	651667	45.972	ng	93
65) 4,6-Dinitro-2-methylph...	10.610	198	55541	38.227	ng	98
66) n-Nitrosodiphenylamine	10.686	169	514452	44.348	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	196589	44.059	ng	97
68) Hexachlorobenzene	11.122	284	207215	43.756	ng	# 89
69) Atrazine	11.210	200	184370	51.620	ng	99
70) Pentachlorophenol	11.310	266	179364	66.087	ng	97
71) Phenanthrene	11.545	178	836196	42.502	ng	98
72) Anthracene	11.598	178	860278	44.492	ng	100
73) Carbazole	11.745	167	723007	43.836	ng	99
74) Di-n-butylphthalate	12.080	149	915470	47.104	ng	99
75) Fluoranthene	12.739	202	827737	39.926	ng	99
77) Benzidine	12.857	184	185701	55.374	ng	97
78) Pyrene	12.969	202	798765	49.865	ng	100
80) Butylbenzylphthalate	13.586	149	277470	51.186	ng	99
81) Benzo(a)anthracene	14.163	228	537545	43.195	ng	99
82) 3,3'-Dichlorobenzidine	14.121	252	58708	17.778	ng	98
83) Chrysene	14.198	228	510356	41.800	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	342938	47.955	ng	# 99
85) Di-n-octyl phthalate	14.774	149	509552	49.602	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	644487	50.025	ng	100
88) Benzo(b)fluoranthene	15.257	252	541394	42.486	ng	100
89) Benzo(k)fluoranthene	15.286	252	544080	41.548	ng	99
90) Benzo(a)pyrene	15.651	252	504919	48.291	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	542093	50.966	ng	98
92) Benzo(g,h,i)perylene	17.774	276	516257	48.630	ng	98

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

