

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131028.D
 Acq On : 05 Nov 2022 19:52
 Operator : CG\JU
 Sample : N5318-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221111-COMP-10MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/07/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:51:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	91853	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	366462	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	173433	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	296208	20.000	ng	0.00
76) Chrysene-d12	14.092	240	199167	20.000	ng	0.00
86) Perylene-d12	15.586	264	200278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	645823	121.891	ng	0.02
7) Phenol-d6	6.534	99	827681	120.211	ng	0.00
23) Nitrobenzene-d5	7.469	82	592431	97.481	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	217356	148.878	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1020286	88.942	ng	0.00
79) Terphenyl-d14	13.033	244	841106	77.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	102837	43.291	ng	93
3) Pyridine	3.522	79	268060	40.288	ng	99
4) n-Nitrosodimethylamine	3.487	42	169991	45.510	ng	# 94
6) Aniline	6.569	93	258889m	30.408	ng	
8) 2-Chlorophenol	6.686	128	282233	47.818	ng	96
9) Benzaldehyde	6.457	77	199319	45.230	ng	93
10) Phenol	6.545	94	341958m	46.153	ng	
11) bis(2-Chloroethyl)ether	6.639	93	273701	47.387	ng	96
12) 1,3-Dichlorobenzene	6.845	146	309460	46.270	ng	100
13) 1,4-Dichlorobenzene	6.922	146	320495	47.209	ng	99
14) 1,2-Dichlorobenzene	7.075	146	317479	50.495	ng	99
15) Benzyl Alcohol	7.045	79	270919	46.274	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	494707	48.051	ng	96
17) 2-Methylphenol	7.157	107	237273	47.034	ng	99
18) Hexachloroethane	7.416	117	125873	51.302	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	214424	45.772	ng	97
20) 3+4-Methylphenols	7.310	107	293706	44.778	ng	# 73
22) Acetophenone	7.316	105	412651	46.443	ng	95
24) Nitrobenzene	7.492	77	334656	50.358	ng	92
25) Isophorone	7.728	82	598926	47.790	ng	99
26) 2-Nitrophenol	7.804	139	157553	59.100	ng	95
27) 2,4-Dimethylphenol	7.839	122	267407	51.269	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	362320	51.766	ng	99
29) 2,4-Dichlorophenol	8.045	162	247120	46.057	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	269454	46.702	ng	98
31) Naphthalene	8.210	128	851363	44.528	ng	99
32) Benzoic acid	7.969	122	159704	43.870	ng	93
33) 4-Chloroaniline	8.257	127	115006	15.222	ng	96
34) Hexachlorobutadiene	8.322	225	179208	46.791	ng	98
35) Caprolactam	8.633	113	75402m	43.853	ng	
36) 4-Chloro-3-methylphenol	8.745	107	265919	45.690	ng	95
37) 2-Methylnaphthalene	8.904	142	544362	45.263	ng	100
38) 1-Methylnaphthalene	9.004	142	510154	43.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	277311	56.384	ng	99
41) Hexachlorocyclopentadiene	9.051	237	309161	119.636	ng	100
43) 2,4,6-Trichlorophenol	9.180	196	182620	53.436	ng	100

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44) 2,4,5-Trichlorophenol	9.222	196	194147	53.173	ng	97
46) 1,1'-Biphenyl	9.369	154	632242	51.168	ng	100
47) 2-Chloronaphthalene	9.398	162	486701	49.122	ng	95
48) 2-Nitroaniline	9.492	65	169504	52.754	ng	100
49) Acenaphthylene	9.816	152	710998	45.410	ng	99
50) Dimethylphthalate	9.675	163	543958	45.663	ng	100
51) 2,6-Dinitrotoluene	9.733	165	121545	53.345	ng	97
52) Acenaphthene	9.986	154	502547m	51.907	ng	
53) 3-Nitroaniline	9.904	138	60239	25.962	ng	# 89
54) 2,4-Dinitrophenol	10.016	184	120872	99.773	ng	92
55) Dibenzofuran	10.157	168	627411	44.709	ng	100
56) 4-Nitrophenol	10.069	139	175677	95.623	ng	98
57) 2,4-Dinitrotoluene	10.139	165	157231	54.702	ng	# 91
58) Fluorene	10.504	166	490065	44.350	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.274	232	136816	45.449	ng	97
60) Diethylphthalate	10.374	149	525604	44.864	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	244664	46.283	ng	99
62) 4-Nitroaniline	10.527	138	110052	46.841	ng	95
63) Azobenzene	10.657	77	542393	44.351	ng	96
65) 4,6-Dinitro-2-methylph...	10.551	198	82761	63.740	ng	91
66) n-Nitrosodiphenylamine	10.616	169	445972	48.269	ng	100
67) 4-Bromophenyl-phenylether	10.986	248	154829	51.976	ng	97
68) Hexachlorobenzene	11.051	284	169697	51.705	ng	93
69) Atrazine	11.139	200	144720	54.239	ng	96
70) Pentachlorophenol	11.245	266	156412	83.516	ng	97
71) Phenanthrene	11.469	178	685430	44.834	ng	100
72) Anthracene	11.521	178	696001	46.156	ng	99
73) Carbazole	11.674	167	594400	44.017	ng	100
74) Di-n-butylphthalate	12.004	149	775072	47.259	ng	98
75) Fluoranthene	12.663	202	679873	41.855	ng	98
77) Benzidine	12.780	184	213918	44.246	ng	98
78) Pyrene	12.892	202	692294	41.200	ng	99
80) Butylbenzylphthalate	13.504	149	288684	47.753	ng	96
81) Benzo(a)anthracene	14.080	228	607244	45.987	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	118916	33.367	ng	# 95
83) Chrysene	14.121	228	572584	44.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	396254	54.515	ng	99
85) Di-n-octyl phthalate	14.680	149	611678	60.974	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	716991	53.909	ng	97
88) Benzo(b)fluoranthene	15.151	252	591083	45.656	ng	98
89) Benzo(k)fluoranthene	15.180	252	566342	44.893	ng	98
90) Benzo(a)pyrene	15.527	252	521027	50.063	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	598747	55.224	ng	98
92) Benzo(g,h,i)perylene	17.586	276	612140	55.341	ng	97

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

