

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127076.D
 Acq On : 25 Feb 2022 17:44
 Operator : CG\JU
 Sample : N1655-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNK-MIDMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/28/2022
 Supervised By : Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 01:39:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76712	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	307975	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	178297	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	296822	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	136248	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	151011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	501606	101.062	ng	0.00
7) Phenol-d6	6.534	99	602577	89.973	ng	0.00
23) Nitrobenzene-d5	7.469	82	419756	61.520	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	201710	98.259	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	654864	54.071	ng	0.00
79) Terphenyl-d14	13.022	244	607013	65.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	99434	43.781	ng	98
3) Pyridine	3.499	79	257689	43.257	ng	93
4) n-Nitrosodimethylamine	3.463	42	153614	52.640	ng	# 72
6) Aniline	6.569	93	265430	33.450	ng	97
8) 2-Chlorophenol	6.687	128	254008	47.697	ng	99
9) Benzaldehyde	6.457	77	155339	38.104	ng	98
10) Phenol	6.546	94	313858m	46.380	ng	
11) bis(2-Chloroethyl)ether	6.640	93	233784	44.046	ng	99
12) 1,3-Dichlorobenzene	6.846	146	269298	46.878	ng	99
13) 1,4-Dichlorobenzene	6.922	146	273887	47.028	ng	98
14) 1,2-Dichlorobenzene	7.075	146	266692	48.019	ng	97
15) Benzyl Alcohol	7.046	79	255502	45.285	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	334307	39.999	ng	95
17) 2-Methylphenol	7.157	107	210085	45.597	ng	# 93
18) Hexachloroethane	7.416	117	105940	47.456	ng	# 89
19) n-Nitroso-di-n-propyla...	7.310	70	190684	44.185	ng	95
20) 3+4-Methylphenols	7.304	107	270794	45.260	ng	93
22) Acetophenone	7.316	105	374110	46.137	ng	96
24) Nitrobenzene	7.487	77	297466	46.150	ng	97
25) Isophorone	7.722	82	518925	45.962	ng	# 98
26) 2-Nitrophenol	7.804	139	131800	48.026	ng	# 80
27) 2,4-Dimethylphenol	7.834	122	232448	51.560	ng	88
28) bis(2-Chloroethoxy)met...	7.934	93	293855	42.931	ng	100
29) 2,4-Dichlorophenol	8.045	162	198877	46.921	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	216390	45.664	ng	98
31) Naphthalene	8.210	128	744084	46.283	ng	99
32) Benzoic acid	7.957	122	148158	46.338	ng	# 80
33) 4-Chloroaniline	8.257	127	92050	14.547	ng	98
34) Hexachlorobutadiene	8.322	225	131313	47.465	ng	98
35) Caprolactam	8.634	113	68120m	46.022	ng	
36) 4-Chloro-3-methylphenol	8.740	107	255804	47.222	ng	95
37) 2-Methylnaphthalene	8.898	142	487718	46.752	ng	98
38) 1-Methylnaphthalene	8.998	142	458736	45.921	ng	96
40) 1,2,4,5-Tetrachloroben...	9.069	216	205733	43.834	ng	98
41) Hexachlorocyclopentadiene	9.051	237	241694	94.948	ng	96
43) 2,4,6-Trichlorophenol	9.181	196	141642	41.147	ng	99

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44) 2,4,5-Trichlorophenol	9.222	196	148725	41.057	ng	96
46) 1,1'-Biphenyl	9.369	154	584034	41.344	ng	95
47) 2-Chloronaphthalene	9.392	162	431414	41.184	ng	94
48) 2-Nitroaniline	9.487	65	168829	40.842	ng	94
49) Acenaphthylene	9.810	152	724858	42.599	ng	97
50) Dimethylphthalate	9.669	163	517780	40.628	ng	# 99
51) 2,6-Dinitrotoluene	9.734	165	111653	43.061	ng	100
52) Acenaphthene	9.981	154	575099m	51.969	ng	
53) 3-Nitroaniline	9.898	138	67913	21.427	ng	99
54) 2,4-Dinitrophenol	10.010	184	121102	88.240	ng	# 85
55) Dibenzofuran	10.157	168	707755	46.511	ng	93
56) 4-Nitrophenol	10.069	139	221638	94.679	ng	# 88
57) 2,4-Dinitrotoluene	10.134	165	175285	49.998	ng	# 94
58) Fluorene	10.498	166	563340	47.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	133617	46.528	ng	96
60) Diethylphthalate	10.363	149	611085	45.888	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	261424	46.774	ng	95
62) 4-Nitroaniline	10.516	138	137064	43.792	ng	# 78
63) Azobenzene	10.645	77	640168	43.171	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	77854	44.640	ng	90
66) n-Nitrosodiphenylamine	10.604	169	483187	49.644	ng	98
67) 4-Bromophenyl-phenylether	10.981	248	160343	48.349	ng	98
68) Hexachlorobenzene	11.045	284	181789	50.918	ng	89
69) Atrazine	11.133	200	154059	51.035	ng	97
70) Pentachlorophenol	11.239	266	181649	93.205	ng	99
71) Phenanthrene	11.463	178	783939	47.186	ng	100
72) Anthracene	11.516	178	791568	47.860	ng	100
73) Carbazole	11.669	167	656243	43.267	ng	98
74) Di-n-butylphthalate	11.992	149	845984	43.387	ng	99
75) Fluoranthene	12.657	202	636388	40.342	ng	92
77) Benzidine	12.775	184	191916	51.832	ng	97
78) Pyrene	12.886	202	614640	51.925	ng	99
80) Butylbenzylphthalate	13.498	149	253626	45.260	ng	85
81) Benzo(a)anthracene	14.074	228	430773	46.898	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	71864	24.826	ng	# 97
83) Chrysene	14.110	228	407015	47.121	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	321100	43.645	ng	# 97
85) Di-n-octyl phthalate	14.669	149	474141	44.760	ng	96
87) Indeno(1,2,3-cd)pyrene	17.115	276	556446	56.195	ng	# 83
88) Benzo(b)fluoranthene	15.139	252	472320	46.569	ng	# 93
89) Benzo(k)fluoranthene	15.169	252	411972	42.112	ng	# 95
90) Benzo(a)pyrene	15.521	252	440633	55.619	ng	# 92
91) Dibenzo(a,h)anthracene	17.133	278	470324	57.430	ng	# 90
92) Benzo(g,h,i)perylene	17.580	276	465199	57.619	ng	# 84

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

