

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126981.D
 Acq On : 21 Feb 2022 18:55
 Operator : CG\JU
 Sample : N1579-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10.0)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 03:48:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	84554	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	348411	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	177191	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	310859	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	137011	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	146248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	608049	111.146	ng	0.00
7) Phenol-d6	6.545	99	827125	112.047	ng	0.00
23) Nitrobenzene-d5	7.481	82	588209	76.204	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	223762	109.681	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	976726	81.149	ng	0.00
79) Terphenyl-d14	13.033	244	958781	102.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	114262	45.644	ng	96
3) Pyridine	3.569	79	276416	42.097	ng	92
4) n-Nitrosodimethylamine	3.534	42	168722	52.455	ng	# 74
6) Aniline	6.581	93	290979	33.268	ng	94
8) 2-Chlorophenol	6.704	128	317937	54.164	ng	96
9) Benzaldehyde	6.469	77	199152	44.320	ng	99
10) Phenol	6.557	94	404127	54.180	ng	83
11) bis(2-Chloroethyl)ether	6.651	93	300965	51.444	ng	96
12) 1,3-Dichlorobenzene	6.857	146	325529	51.411	ng	96
13) 1,4-Dichlorobenzene	6.934	146	336041	52.349	ng	99
14) 1,2-Dichlorobenzene	7.087	146	323186	52.794	ng	97
15) Benzyl Alcohol	7.057	79	319092	51.310	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.186	45	439600	47.719	ng	96
17) 2-Methylphenol	7.163	107	266626	52.501	ng	# 93
18) Hexachloroethane	7.428	117	132364	53.794	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	244446	51.390	ng	96
20) 3+4-Methylphenols	7.316	107	343097	52.027	ng	# 85
22) Acetophenone	7.328	105	466786	50.885	ng	95
24) Nitrobenzene	7.504	77	376186	51.590	ng	99
25) Isophorone	7.739	82	670902	52.526	ng	# 98
26) 2-Nitrophenol	7.816	139	169039	54.447	ng	# 78
27) 2,4-Dimethylphenol	7.845	122	297629	58.356	ng	91
28) bis(2-Chloroethoxy)met...	7.945	93	382114	49.346	ng	98
29) 2,4-Dichlorophenol	8.057	162	253077	52.779	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	266821	49.772	ng	98
31) Naphthalene	8.222	128	916501	50.391	ng	99
33) 4-Chloroaniline	8.269	127	144243	20.149	ng	97
34) Hexachlorobutadiene	8.333	225	159506	50.964	ng	98
35) Caprolactam	8.645	113	72143m	43.084	ng	
36) 4-Chloro-3-methylphenol	8.751	107	321626	52.482	ng	95
37) 2-Methylnaphthalene	8.916	142	612850	51.929	ng	96
38) 1-Methylnaphthalene	9.016	142	578137	51.157	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	249702	53.535	ng	98
41) Hexachlorocyclopentadiene	9.063	237	293969	116.205	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	176215	51.510	ng	99
44) 2,4,5-Trichlorophenol	9.233	196	182920	50.812	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.380	154	734842	52.345	ng	96
47) 2-Chloronaphthalene	9.404	162	533061	51.205	ng	93
48) 2-Nitroaniline	9.504	65	216612	52.728	ng	99
49) Acenaphthylene	9.822	152	909283	53.771	ng	99
50) Dimethylphthalate	9.680	163	653171	51.571	ng	99
51) 2,6-Dinitrotoluene	9.745	165	143673	55.756	ng	# 88
52) Acenaphthene	9.992	154	543419	49.412	ng	96
53) 3-Nitroaniline	9.916	138	98216	31.181	ng	88
54) 2,4-Dinitrophenol	10.016	184	25625	18.788	ng	# 86
55) Dibenzofuran	10.169	168	768320	50.806	ng	93
56) 4-Nitrophenol	10.075	139	204410	87.865	ng	# 86
57) 2,4-Dinitrotoluene	10.145	165	193455	55.526	ng	# 91
58) Fluorene	10.510	166	613647	52.094	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	125244m	43.884	ng	
60) Diethylphthalate	10.380	149	689524	52.102	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	287820	51.818	ng	93
62) 4-Nitroaniline	10.533	138	151695	48.770	ng	# 76
63) Azobenzene	10.663	77	734698	49.855	ng	93
65) 4,6-Dinitro-2-methylph...	10.551	198	37648	20.612	ng	81
66) n-Nitrosodiphenylamine	10.622	169	534068	52.394	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	183074	52.710	ng	97
68) Hexachlorobenzene	11.057	284	202431	54.139	ng	90
69) Atrazine	11.145	200	171391	54.213	ng	98
70) Pentachlorophenol	11.245	266	99313	48.657	ng	99
71) Phenanthrene	11.474	178	891418	51.233	ng	100
72) Anthracene	11.527	178	900454	51.985	ng	100
73) Carbazole	11.680	167	753193	47.417	ng	98
74) Di-n-butylphthalate	12.004	149	1037233	50.793	ng	99
75) Fluoranthene	12.663	202	777825	47.082	ng	95
77) Benzidine	12.786	184	211419	56.782	ng	97
78) Pyrene	12.892	202	754536	63.389	ng	99
80) Butylbenzylphthalate	13.504	149	328694	58.329	ng	94
81) Benzo(a)anthracene	14.080	228	475802	51.512	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	73916	25.392	ng	# 96
83) Chrysene	14.115	228	446269	51.378	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	420559	56.845	ng	95
85) Di-n-octyl phthalate	14.674	149	578801	54.336	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	577377	60.208	ng	# 85
88) Benzo(b)fluoranthene	15.145	252	471075	47.958	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	475739	50.215	ng	# 95
90) Benzo(a)pyrene	15.527	252	473261	61.684	ng	# 94
91) Dibenzo(a,h)anthracene	17.139	278	498544	62.859	ng	# 91
92) Benzo(g,h,i)perylene	17.586	276	474169	60.643	ng	# 86

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

