

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
 Data File : BF128740.D
 Acq On : 08 Jun 2022 17:40
 Operator : CG\JU
 Sample : N3104-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/09/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 03:17:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	69390	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	245701	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	117071	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	193999	20.000	ng	0.00
76) Chrysene-d12	13.986	240	202232	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	146442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	432104	99.188	ng	0.00
7) Phenol-d6	6.475	99	529354	99.545	ng	0.00
23) Nitrobenzene-d5	7.381	82	371653	70.426	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	132492	95.783	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	648893	77.643	ng	0.00
79) Terphenyl-d14	12.927	244	726385	62.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	68371	42.275	ng	# 95
3) Pyridine	3.352	79	173337	40.346	ng	# 90
4) n-Nitrosodimethylamine	3.310	42	134286	45.073	ng	# 77
6) Aniline	6.475	93	217802	37.977	ng	# 74
8) 2-Chlorophenol	6.610	128	214158	48.043	ng	94
9) Benzaldehyde	6.363	77	131208	40.500	ng	93
10) Phenol	6.492	94	261970	46.604	ng	88
11) bis(2-Chloroethyl)ether	6.551	93	198609	48.217	ng	99
12) 1,3-Dichlorobenzene	6.751	146	250368	48.584	ng	95
13) 1,4-Dichlorobenzene	6.828	146	247203	47.497	ng	97
14) 1,2-Dichlorobenzene	6.981	146	234491	48.164	ng	97
15) Benzyl Alcohol	6.963	79	203797	45.804	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	314593	46.356	ng	# 15
17) 2-Methylphenol	7.092	107	166674	47.309	ng	# 85
18) Hexachloroethane	7.322	117	87569	45.224	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	161501	48.846	ng	97
20) 3+4-Methylphenols	7.245	107	219613	46.692	ng	# 80
22) Acetophenone	7.222	105	314950	49.010	ng	94
24) Nitrobenzene	7.398	77	235873	48.685	ng	97
25) Isophorone	7.639	82	409586	51.103	ng	98
26) 2-Nitrophenol	7.716	139	99708	46.710	ng	# 91
27) 2,4-Dimethylphenol	7.763	122	178676	54.949	ng	90
28) bis(2-Chloroethoxy)met...	7.845	93	238821	47.135	ng	97
29) 2,4-Dichlorophenol	7.969	162	167446	44.493	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	195411	46.114	ng	100
31) Naphthalene	8.122	128	600280	47.605	ng	99
32) Benzoic acid	7.898	122	68104	29.521	ng	91
33) 4-Chloroaniline	8.169	127	120869	25.424	ng	97
34) Hexachlorobutadiene	8.234	225	142843	47.531	ng	99
35) Caprolactam	8.545	113	43269m	41.577	ng	
36) 4-Chloro-3-methylphenol	8.675	107	176008	42.853	ng	96
37) 2-Methylnaphthalene	8.810	142	368069	45.892	ng	100
38) 1-Methylnaphthalene	8.910	142	344432	44.449	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	191751	52.739	ng	100
41) Hexachlorocyclopentadiene	8.963	237	108458	49.626	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	113601	46.203	ng	95

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44) 2,4,5-Trichlorophenol	9.151	196	114213	44.949	ng	# 94
46) 1,1'-Biphenyl	9.275	154	455046	51.804	ng	98
47) 2-Chloronaphthalene	9.298	162	336861	50.257	ng	97
48) 2-Nitroaniline	9.404	65	117729	51.364	ng	98
49) Acenaphthylene	9.716	152	526294	51.289	ng	99
50) Dimethylphthalate	9.581	163	404747	50.510	ng	99
51) 2,6-Dinitrotoluene	9.639	165	79060	49.988	ng	# 79
52) Acenaphthene	9.886	154	314281m	47.032	ng	
53) 3-Nitroaniline	9.810	138	59726	34.795	ng	93
54) 2,4-Dinitrophenol	9.916	184	22595	25.649	ng	# 84
55) Dibenzofuran	10.063	168	448744	46.726	ng	96
56) 4-Nitrophenol	10.010	139	100756	80.977	ng	# 64
57) 2,4-Dinitrotoluene	10.045	165	100760	47.738	ng	97
58) Fluorene	10.404	166	347929	46.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	89210	42.506	ng	95
60) Diethylphthalate	10.275	149	394457	48.978	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	180547	46.738	ng	89
62) 4-Nitroaniline	10.428	138	71220	40.979	ng	# 83
63) Azobenzene	10.557	77	351526	44.336	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	20203	17.646	ng	92
66) n-Nitrosodiphenylamine	10.516	169	308804	51.788	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	111017	51.315	ng	98
68) Hexachlorobenzene	10.951	284	119374	49.684	ng	94
69) Atrazine	11.045	200	103048	53.740	ng	96
70) Pentachlorophenol	11.157	266	89385	74.528	ng	100
71) Phenanthrene	11.369	178	546229	56.135	ng	98
72) Anthracene	11.416	178	508630	52.811	ng	98
73) Carbazole	11.575	167	433899	48.505	ng	99
74) Di-n-butylphthalate	11.904	149	558187	51.250	ng	99
75) Fluoranthene	12.557	202	744892	73.234	ng	97
77) Benzidine	12.686	184	426321	105.750	ng	98
78) Pyrene	12.786	202	814366	54.125	ng	97
80) Butylbenzylphthalate	13.404	149	282203	44.663	ng	99
81) Benzo(a)anthracene	13.980	228	721527	57.238	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	215253	79.815	ng	100
83) Chrysene	14.016	228	643553	53.549	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	408534	49.734	ng	98
85) Di-n-octyl phthalate	14.580	149	620478	50.152	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	406997	46.111	ng	# 92
88) Benzo(b)fluoranthene	15.027	252	525424	56.150	ng	# 97
89) Benzo(k)fluoranthene	15.057	252	467454m	53.105	ng	
90) Benzo(a)pyrene	15.392	252	465903m	63.348	ng	
91) Dibenzo(a,h)anthracene	16.921	278	345540	47.196	ng	# 93
92) Benzo(g,h,i)perylene	17.351	276	343321	47.315	ng	# 92

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

