

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129722.D
 Acq On : 11 Aug 2022 18:56
 Operator : CG\JU
 Sample : N4017-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147112	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	597646	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	321495	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	520110	20.000	ng	0.00
76) Chrysene-d12	14.010	240	253234	20.000	ng	-0.01
86) Perylene-d12	15.480	264	291315	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1097515	121.530	ng	0.01
7) Phenol-d6	6.493	99	1394020	122.808	ng	0.00
23) Nitrobenzene-d5	7.404	82	890451	81.333	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	371432	120.168	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1550371	74.600	ng	0.00
79) Terphenyl-d14	12.945	244	1330935	99.154	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	170409	41.823	ng	86
3) Pyridine	3.440	79	442690	39.123	ng	88
4) n-Nitrosodimethylamine	3.393	42	228934	46.074	ng	# 91
6) Aniline	6.498	93	612127	43.378	ng	# 47
8) 2-Chlorophenol	6.628	128	514337	52.130	ng	98
9) Benzaldehyde	6.387	77	352820	45.770	ng	97
10) Phenol	6.504	94	607720m	50.275	ng	
11) bis(2-Chloroethyl)ether	6.569	93	472008	49.237	ng	93
12) 1,3-Dichlorobenzene	6.775	146	522781	49.404	ng	97
13) 1,4-Dichlorobenzene	6.851	146	534009	49.622	ng	100
14) 1,2-Dichlorobenzene	7.004	146	507769	51.333	ng	99
15) Benzyl Alcohol	6.987	79	433638	52.674	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	617571	42.857	ng	# 1
17) 2-Methylphenol	7.104	107	408715	49.934	ng	# 89
18) Hexachloroethane	7.340	117	199749	49.294	ng	92
19) n-Nitroso-di-n-propyla...	7.251	70	348574	50.724	ng	90
20) 3+4-Methylphenols	7.257	107	522122	50.170	ng	# 86
22) Acetophenone	7.245	105	707252	50.829	ng	98
24) Nitrobenzene	7.422	77	526250	46.678	ng	95
25) Isophorone	7.657	82	961676	49.003	ng	99
26) 2-Nitrophenol	7.739	139	280844	50.495	ng	# 87
27) 2,4-Dimethylphenol	7.781	122	461602m	55.330	ng	
28) bis(2-Chloroethoxy)met...	7.863	93	590600	51.878	ng	99
29) 2,4-Dichlorophenol	7.987	162	425108	49.369	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	422978	47.457	ng	97
31) Naphthalene	8.139	128	1447233	47.663	ng	99
32) Benzoic acid	7.898	122	65400	10.844	ng	95
33) 4-Chloroaniline	8.192	127	563662	45.215	ng	98
34) Hexachlorobutadiene	8.245	225	250582	49.460	ng	99
35) Caprolactam	8.575	113	130522m	46.623	ng	
36) 4-Chloro-3-methylphenol	8.692	107	465929	51.017	ng	94
37) 2-Methylnaphthalene	8.828	142	961408	48.723	ng	100
38) 1-Methylnaphthalene	8.928	142	904444	47.481	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	424860	50.328	ng	97
41) Hexachlorocyclopentadiene	8.975	237	302202	80.393	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	270516	44.120	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	288615	43.286	ng	# 90
46) 1,1'-Biphenyl	9.292	154	1154413	49.202	ng	100
47) 2-Chloronaphthalene	9.322	162	900918	47.499	ng	99
48) 2-Nitroaniline	9.428	65	294325	46.666	ng	88
49) Acenaphthylene	9.739	152	1361583	47.243	ng	99
50) Dimethylphthalate	9.598	163	1057710	47.658	ng	100
51) 2,6-Dinitrotoluene	9.669	165	236147	47.539	ng	95
52) Acenaphthene	9.910	154	903976m	48.022	ng	
53) 3-Nitroaniline	9.839	138	221506	37.763	ng	95
54) 2,4-Dinitrophenol	9.951	184	118451	46.710	ng	93
55) Dibenzofuran	10.081	168	1212761	46.736	ng	96
56) 4-Nitrophenol	10.028	139	266190	61.512	ng	98
57) 2,4-Dinitrotoluene	10.075	165	301204	46.416	ng	92
58) Fluorene	10.422	166	998285	48.081	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	210997	40.949	ng	96
60) Diethylphthalate	10.292	149	1013970	47.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	456374	49.858	ng	# 88
62) 4-Nitroaniline	10.463	138	252231m	43.347	ng	
63) Azobenzene	10.575	77	988094	45.154	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	115787	35.271	ng	93
66) n-Nitrosodiphenylamine	10.533	169	853866	49.297	ng	96
67) 4-Bromophenyl-phenylether	10.904	248	287655	50.507	ng	98
68) Hexachlorobenzene	10.975	284	322674	52.288	ng	95
69) Atrazine	11.063	200	270939	51.499	ng	98
70) Pentachlorophenol	11.175	266	140678	41.933	ng	98
71) Phenanthrene	11.392	178	1348008	47.479	ng	99
72) Anthracene	11.445	178	1393594	49.949	ng	98
73) Carbazole	11.604	167	1217547	46.358	ng	99
74) Di-n-butylphthalate	11.916	149	1504586	48.105	ng	100
75) Fluoranthene	12.580	202	1227306	42.664	ng	99
77) Benzidine	12.704	184	707303	79.062	ng	99
78) Pyrene	12.810	202	1182644	55.848	ng	99
80) Butylbenzylphthalate	13.416	149	484625	52.762	ng	99
81) Benzo(a)anthracene	13.998	228	815704	47.155	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	252188	44.155	ng	99
83) Chrysene	14.039	228	752047	46.129	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	611779	50.592	ng	100
85) Di-n-octyl phthalate	14.586	149	915020	52.583	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	1066265	54.353	ng	99
88) Benzo(b)fluoranthene	15.051	252	911794	47.185	ng	98
89) Benzo(k)fluoranthene	15.086	252	811294	42.842	ng	99
90) Benzo(a)pyrene	15.421	252	797307	50.827	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	925038	57.935	ng	99
92) Benzo(g,h,i)perylene	17.427	276	914554	56.055	ng	98

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

