

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129721.D
 Acq On : 11 Aug 2022 18:23
 Operator : CG\JU
 Sample : N4017-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 12 00:00:22 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	153372	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	628212	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	332816	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	546742	20.000	ng	0.00
76) Chrysene-d12	14.010	240	262670	20.000	ng	-0.01
86) Perylene-d12	15.480	264	303230	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1147861	121.917	ng	0.01
7) Phenol-d6	6.492	99	1442088	121.857	ng	0.00
23) Nitrobenzene-d5	7.404	82	926558	80.513	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	386885	120.910	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1611100	74.885	ng	0.00
79) Terphenyl-d14	12.945	244	1398297	100.430	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	178288	41.970	ng	88
3) Pyridine	3.446	79	477215	40.453	ng	92
4) n-Nitrosodimethylamine	3.404	42	245518	47.395	ng	95
6) Aniline	6.504	93	642174	43.650	ng	# 22
8) 2-Chlorophenol	6.628	128	535077	52.019	ng	96
9) Benzaldehyde	6.387	77	367622	45.743	ng	97
10) Phenol	6.504	94	631514m	50.111	ng	
11) bis(2-Chloroethyl)ether	6.569	93	497548	49.782	ng	93
12) 1,3-Dichlorobenzene	6.775	146	551146	49.959	ng	97
13) 1,4-Dichlorobenzene	6.851	146	555062	49.473	ng	99
14) 1,2-Dichlorobenzene	7.004	146	522810	50.696	ng	99
15) Benzyl Alcohol	6.987	79	451656	52.623	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	642539	42.769	ng	# 1
17) 2-Methylphenol	7.104	107	426618	49.994	ng	# 89
18) Hexachloroethane	7.339	117	208145	49.269	ng	91
19) n-Nitroso-di-n-propyla...	7.251	70	364381	50.860	ng	92
20) 3+4-Methylphenols	7.257	107	547805	50.489	ng	# 85
22) Acetophenone	7.245	105	744562	50.907	ng	98
24) Nitrobenzene	7.422	77	548286	46.267	ng	96
25) Isophorone	7.657	82	1001796	48.564	ng	99
26) 2-Nitrophenol	7.734	139	288023	49.266	ng	97
27) 2,4-Dimethylphenol	7.781	122	483767m	55.165	ng	
28) bis(2-Chloroethoxy)met...	7.863	93	616310	51.503	ng	98
29) 2,4-Dichlorophenol	7.986	162	439463	48.553	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	440662	47.035	ng	97
31) Naphthalene	8.139	128	1506581	47.203	ng	99
32) Benzoic acid	7.886	122	42933	6.772	ng	98
33) 4-Chloroaniline	8.192	127	576227	43.974	ng	98
34) Hexachlorobutadiene	8.245	225	262639	49.317	ng	97
35) Caprolactam	8.575	113	137888m	46.858	ng	
36) 4-Chloro-3-methylphenol	8.692	107	486140	50.640	ng	94
37) 2-Methylnaphthalene	8.828	142	998395	48.135	ng	100
38) 1-Methylnaphthalene	8.928	142	945128	47.203	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	439611	50.304	ng	98
41) Hexachlorocyclopentadiene	8.975	237	314933	80.930	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	284966	44.896	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	298607	43.261	ng	# 92
46) 1,1'-Biphenyl	9.292	154	1216685	50.092	ng	99
47) 2-Chloronaphthalene	9.322	162	946281	48.193	ng	99
48) 2-Nitroaniline	9.428	65	307685	47.125	ng	86
49) Acenaphthylene	9.739	152	1419546	47.579	ng	100
50) Dimethylphthalate	9.598	163	1103363	48.024	ng	100
51) 2,6-Dinitrotoluene	9.669	165	246631	47.961	ng	92
52) Acenaphthene	9.910	154	923052m	47.368	ng	
53) 3-Nitroaniline	9.839	138	239148	39.384	ng	# 95
54) 2,4-Dinitrophenol	9.951	184	108963	41.507	ng	91
55) Dibenzofuran	10.080	168	1268384	47.217	ng	95
56) 4-Nitrophenol	10.027	139	279062	62.293	ng	96
57) 2,4-Dinitrotoluene	10.075	165	313407	46.654	ng	91
58) Fluorene	10.427	166	1047882	48.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	207284m	38.860	ng	
60) Diethylphthalate	10.292	149	1051814	47.358	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	466791	49.262	ng	# 87
62) 4-Nitroaniline	10.463	138	264438m	43.899	ng	
63) Azobenzene	10.575	77	1031512	45.535	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	114382	33.146	ng	94
66) n-Nitrosodiphenylamine	10.533	169	899772	49.417	ng	96
67) 4-Bromophenyl-phenylether	10.904	248	302446	50.517	ng	98
68) Hexachlorobenzene	10.974	284	332220	51.213	ng	95
69) Atrazine	11.063	200	287444	51.974	ng	97
70) Pentachlorophenol	11.174	266	147085	41.708	ng	98
71) Phenanthrene	11.392	178	1411822	47.305	ng	99
72) Anthracene	11.445	178	1421934	48.482	ng	99
73) Carbazole	11.604	167	1291776	46.788	ng	99
74) Di-n-butylphthalate	11.916	149	1582376	48.127	ng	99
75) Fluoranthene	12.580	202	1283640	42.448	ng	99
77) Benzidine	12.704	184	781652	84.234	ng	99
78) Pyrene	12.810	202	1243040	56.591	ng	98
80) Butylbenzylphthalate	13.416	149	502011	52.691	ng	98
81) Benzo(a)anthracene	13.998	228	842078	46.931	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	233168	39.359	ng	99
83) Chrysene	14.039	228	782841	46.293	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	639936	51.019	ng	100
85) Di-n-octyl phthalate	14.586	149	930163	51.533	ng	96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1113679	54.539	ng	99
88) Benzo(b)fluoranthene	15.057	252	956781	47.567	ng	98
89) Benzo(k)fluoranthene	15.080	252	827564	41.984	ng	98
90) Benzo(a)pyrene	15.421	252	816929	50.032	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	964285	58.020	ng	100
92) Benzo(g,h,i)perylene	17.427	276	959008	56.470	ng	99

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

