

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
 Data File : BF137916.D
 Acq On : 14 May 2024 14:13
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 17:19:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 15:07:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.046	152	127749	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	482653	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	261418	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	420693	20.000	ng	0.00
76) Chrysene-d12	14.227	240	215543	20.000	ng	0.00
86) Perylene-d12	15.786	264	227940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	886364	117.857	ng	0.00
7) Phenol-d6	6.663	99	1065245	114.985	ng	0.00
23) Nitrobenzene-d5	7.610	82	976639	119.083	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	308368	116.989	ng	0.00
45) 2-Fluorobiphenyl	9.404	172	1895091	111.667	ng	0.00
79) Terphenyl-d14	13.169	244	1763794	120.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	193751	59.469	ng	97
3) Pyridine	3.710	79	458622	62.737	ng	100
4) n-Nitrosodimethylamine	3.687	42	198969	61.697	ng	95
6) Aniline	6.710	93	514587m	61.272	ng	
8) 2-Chlorophenol	6.828	128	474435	58.293	ng	98
9) Benzaldehyde	6.598	77	268519	53.573	ng	100
10) Phenol	6.675	94	541544	57.913	ng	98
11) bis(2-Chloroethyl)ether	6.775	93	421618	58.723	ng	99
12) 1,3-Dichlorobenzene	6.987	146	543908	57.760	ng	99
13) 1,4-Dichlorobenzene	7.063	146	549227	58.107	ng	98
14) 1,2-Dichlorobenzene	7.216	146	509290	57.250	ng	99
15) Benzyl Alcohol	7.181	79	383710	64.143	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	513936	58.232	ng	99
17) 2-Methylphenol	7.281	107	381954	58.847	ng	99
18) Hexachloroethane	7.557	117	189513	59.250	ng	98
19) n-Nitroso-di-n-propyla...	7.451	70	303966	58.401	ng	99
20) 3+4-Methylphenols	7.440	107	489152	57.526	ng	91
22) Acetophenone	7.451	105	622245	57.550	ng	98
24) Nitrobenzene	7.628	77	491253	59.045	ng	97
25) Isophorone	7.863	82	835348	58.687	ng	98
26) 2-Nitrophenol	7.940	139	254811	60.952	ng	95
27) 2,4-Dimethylphenol	7.963	122	320036	59.461	ng	97
28) bis(2-Chloroethoxy)met...	8.069	93	500437	58.009	ng	97
29) 2,4-Dichlorophenol	8.175	162	406141	60.007	ng	98
30) 1,2,4-Trichlorobenzene	8.263	180	447521	59.220	ng	98
31) Naphthalene	8.351	128	1398288	57.619	ng	99
32) Benzoic acid	8.081	122	305120m	66.908	ng	
33) 4-Chloroaniline	8.393	127	486333	61.132	ng	98
34) Hexachlorobutadiene	8.457	225	283467	59.263	ng	99
35) Caprolactam	8.769	113	117229m	59.771	ng	
36) 4-Chloro-3-methylphenol	8.863	107	407345	59.163	ng	97
37) 2-Methylnaphthalene	9.040	142	885018	56.734	ng	99
38) 1-Methylnaphthalene	9.140	142	868398	56.626	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	419264	58.993	ng	100
41) Hexachlorocyclopentadiene	9.187	237	177696	65.802	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	280369	60.167	ng	98

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44) 2,4,5-Trichlorophenol	9.351	196	305996	60.015	ng	97
46) 1,1'-Biphenyl	9.504	154	1058349	57.721	ng	100
47) 2-Chloronaphthalene	9.534	162	852239	58.227	ng	98
48) 2-Nitroaniline	9.628	65	230204	61.419	ng	92
49) Acenaphthylene	9.951	152	1225410	58.226	ng	99
50) Dimethylphthalate	9.804	163	947127	57.776	ng	100
51) 2,6-Dinitrotoluene	9.863	165	226166	60.112	ng	96
52) Acenaphthene	10.122	154	817819	58.794	ng	99
53) 3-Nitroaniline	10.039	138	219411	59.652	ng	99
54) 2,4-Dinitrophenol	10.139	184	116752	59.404	ng	# 79
55) Dibenzofuran	10.292	168	1168753	57.734	ng	99
56) 4-Nitrophenol	10.181	139	164675	62.335	ng	97
57) 2,4-Dinitrotoluene	10.269	165	291043	59.837	ng	# 88
58) Fluorene	10.639	166	921898	57.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	239157	59.708	ng	100
60) Diethylphthalate	10.498	149	881477	57.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	455228	57.651	ng	94
62) 4-Nitroaniline	10.657	138	207660	59.525	ng	97
63) Azobenzene	10.786	77	805265	57.825	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	158692	65.329	ng	87
66) n-Nitrosodiphenylamine	10.745	169	765065	59.301	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	275891	59.820	ng	# 91
68) Hexachlorobenzene	11.186	284	302800	59.395	ng	97
69) Atrazine	11.263	200	191857	54.460	ng	99
70) Pentachlorophenol	11.375	266	195426	65.442	ng	97
71) Phenanthrene	11.604	178	1193282	57.559	ng	99
72) Anthracene	11.657	178	1196933	58.190	ng	99
73) Carbazole	11.810	167	1084531	57.719	ng	99
74) Di-n-butylphthalate	12.128	149	1207902	57.925	ng	99
75) Fluoranthene	12.798	202	1169862	55.595	ng	99
77) Benzidine	12.916	184	211457	75.067	ng	97
78) Pyrene	13.033	202	1179093	62.544	ng	100
80) Butylbenzylphthalate	13.633	149	354487	62.340	ng	99
81) Benzo(a)anthracene	14.216	228	815025	59.767	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	248165	65.668	ng	99
83) Chrysene	14.257	228	778373	59.683	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	434540	60.791	ng	98
85) Di-n-octyl phthalate	14.810	149	626385	64.865	ng	100
87) Indeno(1,2,3-cd)pyrene	17.415	276	994177	67.887	ng	99
88) Benzo(b)fluoranthene	15.316	252	752267	56.999	ng	100
89) Benzo(k)fluoranthene	15.351	252	734017	56.613	ng	99
90) Benzo(a)pyrene	15.721	252	685263	60.806	ng	97
91) Dibenzo(a,h)anthracene	17.439	278	820295	67.796	ng	99
92) Benzo(g,h,i)perylene	17.915	276	862092	67.825	ng	98

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

