

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
 Data File : BF133457.D
 Acq On : 23 May 2023 14:41
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 24 02:35:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:24:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	136195	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	477186	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	219202	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	400466	20.000	ng	0.00
76) Chrysene-d12	14.016	240	282763	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	285595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	902664	108.340	ng	0.00
7) Phenol-d6	6.475	99	1092442	109.070	ng	0.01
23) Nitrobenzene-d5	7.416	82	953405	138.131	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	256382	126.615	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1571276	100.851	ng	0.00
79) Terphenyl-d14	12.963	244	1620063	109.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	211365	56.041	ng	100
3) Pyridine	3.310	79	591832	59.600	ng	100
4) n-Nitrosodimethylamine	3.275	42	334116	58.941	ng	100
6) Aniline	6.516	93	763690	55.791	ng	98
8) 2-Chlorophenol	6.628	128	457069	55.304	ng	94
9) Benzaldehyde	6.398	77	277916	49.142	ng	93
10) Phenol	6.487	94	555299	54.217	ng	95
11) bis(2-Chloroethyl)ether	6.587	93	453399	54.237	ng	98
12) 1,3-Dichlorobenzene	6.787	146	486271	53.907	ng	97
13) 1,4-Dichlorobenzene	6.863	146	485192	53.717	ng	98
14) 1,2-Dichlorobenzene	7.022	146	439598	52.701	ng	98
15) Benzyl Alcohol	6.987	79	435516	57.461	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	872171	55.136	ng	99
17) 2-Methylphenol	7.093	107	422369	56.047	ng	98
18) Hexachloroethane	7.357	117	178791	58.089	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	342915	54.706	ng	96
20) 3+4-Methylphenols	7.251	107	486174	53.299	ng	91
22) Acetophenone	7.263	105	590427	52.726	ng	98
24) Nitrobenzene	7.434	77	499146	65.420	ng	99
25) Isophorone	7.669	82	933484	57.476	ng	98
26) 2-Nitrophenol	7.745	139	200615	61.334	ng	91
27) 2,4-Dimethylphenol	7.781	122	395664	56.999	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	532939	55.543	ng	99
29) 2,4-Dichlorophenol	7.981	162	368901	58.609	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	382808	55.926	ng	98
31) Naphthalene	8.151	128	1270319	54.196	ng	100
32) Benzoic acid	7.904	122	234483m	60.856	ng	
33) 4-Chloroaniline	8.198	127	546326	55.633	ng	96
34) Hexachlorobutadiene	8.269	225	234112	56.277	ng	99
35) Caprolactam	8.587	113	124230	64.983	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	400388	58.785	ng	96
37) 2-Methylnaphthalene	8.845	142	850289	54.112	ng	100
38) 1-Methylnaphthalene	8.939	142	797675	54.479	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	362040	54.343	ng	99
41) Hexachlorocyclopentadiene	8.992	237	209713	66.002	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	248555	60.756	ng	98

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44) 2,4,5-Trichlorophenol	9.151	196	284881	60.206	ng	94
46) 1,1'-Biphenyl	9.310	154	979214	53.261	ng	98
47) 2-Chloronaphthalene	9.334	162	719734	54.573	ng	99
48) 2-Nitroaniline	9.428	65	246956	61.894	ng	94
49) Acenaphthylene	9.745	152	1232432	55.008	ng	99
50) Dimethylphthalate	9.610	163	847234	56.613	ng	99
51) 2,6-Dinitrotoluene	9.669	165	175818	60.876	ng	93
52) Acenaphthene	9.922	154	740370	55.035	ng	99
53) 3-Nitroaniline	9.839	138	219122	61.124	ng	95
54) 2,4-Dinitrophenol	9.939	184	60894	61.670	ng	92
55) Dibenzofuran	10.092	168	1087144	54.145	ng	99
56) 4-Nitrophenol	9.986	139	169865	60.832	ng	89
57) 2,4-Dinitrotoluene	10.069	165	216875	61.870	ng	99
58) Fluorene	10.433	166	767522	52.962	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	216085	61.547	ng	99
60) Diethylphthalate	10.310	149	869036	57.278	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	361390	52.724	ng	98
62) 4-Nitroaniline	10.457	138	217086	62.018	ng	99
63) Azobenzene	10.586	77	880713	56.124	ng	96
65) 4,6-Dinitro-2-methylph...	10.475	198	89924	62.845	ng	93
66) n-Nitrosodiphenylamine	10.545	169	729675	55.261	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	238792	56.858	ng	93
68) Hexachlorobenzene	10.975	284	249893	56.703	ng	# 91
69) Atrazine	11.075	200	195937	57.979	ng	99
70) Pentachlorophenol	11.169	266	172436	68.940	ng	98
71) Phenanthrene	11.398	178	1139322	54.945	ng	99
72) Anthracene	11.445	178	1167174	55.175	ng	99
73) Carbazole	11.598	167	1127403	56.258	ng	98
74) Di-n-butylphthalate	11.939	149	1279476	59.506	ng	99
75) Fluoranthene	12.586	202	1282888	57.460	ng	98
77) Benzidine	12.704	184	362114	53.744	ng	99
78) Pyrene	12.816	202	1311999	56.923	ng	99
80) Butylbenzylphthalate	13.439	149	537116	60.999	ng	95
81) Benzo(a)anthracene	14.004	228	1059974	55.221	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	320953	58.920	ng	99
83) Chrysene	14.045	228	1104465	56.668	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	643452	61.855	ng	100
85) Di-n-octyl phthalate	14.616	149	1215969	64.253	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1154230	59.670	ng	99
88) Benzo(b)fluoranthene	15.051	252	1052229	59.281	ng	99
89) Benzo(k)fluoranthene	15.080	252	1002658	58.128	ng	99
90) Benzo(a)pyrene	15.415	252	981722	58.702	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	930906	59.088	ng	98
92) Benzo(g,h,i)perylene	17.380	276	947334	59.525	ng	99

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

