

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133332.D
 Acq On : 10 May 2023 15:56
 Operator : CG\JU
 Sample : 02719-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MSD

Quant Time: May 10 16:33:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	205454	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	842513	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	434600	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	750294	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	378835	20.000	ng	0.00
86) Perylene-d12	15.298	264	467442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1619161	119.050	ng	0.02
7) Phenol-d6	6.375	99	1935631	114.661	ng	0.00
23) Nitrobenzene-d5	7.292	82	1233968	79.056	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	460177	105.286	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2012863	77.485	ng	0.00
79) Terphenyl-d14	12.827	244	1980369	90.157	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.440	88	257131	40.759	ng	98
3) Pyridine	3.134	79	657513	39.242	ng	96
4) n-Nitrosodimethylamine	3.093	42	364056	41.948	ng	99
6) Aniline	6.387	93	609926	28.052	ng	# 5
8) 2-Chlorophenol	6.510	128	672081	48.669	ng	96
9) Benzaldehyde	6.269	77	458810	90.881	ng	98
10) Phenol	6.387	94	779564	41.860	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	634718	45.418	ng	96
12) 1,3-Dichlorobenzene	6.663	146	699039	47.613	ng	99
13) 1,4-Dichlorobenzene	6.740	146	711591	48.361	ng	99
14) 1,2-Dichlorobenzene	6.893	146	667411	49.199	ng	97
15) Benzyl Alcohol	6.875	79	557493	47.808	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1005132	41.410	ng	84
17) 2-Methylphenol	6.992	107	539517	42.667	ng	97
18) Hexachloroethane	7.234	117	249233	48.719	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	430084	40.923	ng	97
20) 3+4-Methylphenols	7.145	107	662901	44.516	ng	# 78
22) Acetophenone	7.134	105	901870	46.211	ng	# 94
24) Nitrobenzene	7.310	77	674021	42.614	ng	98
25) Isophorone	7.551	82	1263546	42.636	ng	99
26) 2-Nitrophenol	7.628	139	375252	49.188	ng	95
27) 2,4-Dimethylphenol	7.675	122	600997	45.943	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	763399	43.543	ng	99
29) 2,4-Dichlorophenol	7.875	162	552300	46.378	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	567267	45.980	ng	99
31) Naphthalene	8.034	128	1838796	43.653	ng	100
33) 4-Chloroaniline	8.081	127	350018	20.566	ng	99
34) Hexachlorobutadiene	8.151	225	307151	44.919	ng	99
35) Caprolactam	8.451	113	174351m	43.582	ng	
36) 4-Chloro-3-methylphenol	8.575	107	589085	45.872	ng	99
37) 2-Methylnaphthalene	8.722	142	1225180	42.543	ng	99
38) 1-Methylnaphthalene	8.822	142	1139369	42.292	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	504437	43.169	ng	99
41) Hexachlorocyclopentadiene	8.875	237	562657	82.564	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	358893	44.411	ng	99
44) 2,4,5-Trichlorophenol	9.051	196	381763	40.848	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.186	154	1506898	43.727	ng	99
47) 2-Chloronaphthalene	9.210	162	1140343	45.209	ng	99
48) 2-Nitroaniline	9.310	65	369641	44.341	ng	99
49) Acenaphthylene	9.622	152	1768873	43.889	ng	100
50) Dimethylphthalate	9.492	163	1339929	44.216	ng	99
51) 2,6-Dinitrotoluene	9.551	165	312854	45.869	ng	93
52) Acenaphthene	9.798	154	1128406m	41.803	ng	
53) 3-Nitroaniline	9.722	138	249770	30.798	ng	97
54) 2,4-Dinitrophenol	9.828	184	82675	24.115	ng	97
55) Dibenzofuran	9.969	168	1554091	42.206	ng	98
56) 4-Nitrophenol	9.898	139	445303	70.894	ng	98
57) 2,4-Dinitrotoluene	9.957	165	394112	45.310	ng	94
58) Fluorene	10.310	166	1179415	43.719	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	272023	37.543	ng	99
60) Diethylphthalate	10.186	149	1265053	44.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	560494	42.634	ng	98
62) 4-Nitroaniline	10.339	138	352958	47.353	ng	97
63) Azobenzene	10.463	77	1320202	43.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	119012	26.170	ng	77
66) n-Nitrosodiphenylamine	10.422	169	1076247	44.222	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	357207	43.897	ng	99
68) Hexachlorobenzene	10.857	284	380747	45.663	ng	93
69) Atrazine	10.951	200	368389	52.531	ng	97
70) Pentachlorophenol	11.057	266	233253	39.278	ng	97
71) Phenanthrene	11.269	178	1772127	43.945	ng	99
72) Anthracene	11.322	178	1817904	44.050	ng	99
73) Carbazole	11.480	167	1623844	44.189	ng	100
74) Di-n-butylphthalate	11.810	149	1934581	46.521	ng	100
75) Fluoranthene	12.457	202	1678728	41.479	ng	98
77) Benzidine	12.580	184	753357	117.596	ng	# 93
78) Pyrene	12.686	202	1679157	51.706	ng	100
80) Butylbenzylphthalate	13.304	149	677163	58.891	ng	95
81) Benzo(a)anthracene	13.869	228	1133675	43.517	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	176524	24.528	ng	99
83) Chrysene	13.904	228	1129932	43.384	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	768625	53.256	ng	99
85) Di-n-octyl phthalate	14.480	149	1391916	59.146	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1537235	57.815	ng	99
88) Benzo(b)fluoranthene	14.898	252	1278822	43.003	ng	99
89) Benzo(k)fluoranthene	14.927	252	1223877	41.517	ng	99
90) Benzo(a)pyrene	15.245	252	1170404	43.240	ng	100
91) Dibenzo(a,h)anthracene	16.704	278	1265570	57.068	ng	99
92) Benzo(g,h,i)perylene	17.109	276	1270491	58.029	ng	97

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

