

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141117.D
 Acq On : 10 Jan 2025 16:53
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Jagrut Upadhyay 01/13/2025

Quant Time: Jan 10 22:22:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:16:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	163037	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	625072	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	333513	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	593257	20.000	ng	0.00
76) Chrysene-d12	13.998	240	341879	20.000	ng	0.01
86) Perylene-d12	15.468	264	333662	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1007728	95.484	ng	0.00
7) Phenol-d6	6.445	99	1279370	95.699	ng	0.00
23) Nitrobenzene-d5	7.386	82	1156878	98.108	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	383942	101.033	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2040487	93.427	ng	0.00
79) Terphenyl-d14	12.939	244	2188278	95.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	233484	49.679	ng	98
3) Pyridine	3.287	79	555795	48.225	ng	98
4) n-Nitrosodimethylamine	3.240	42	280365	49.752	ng	98
6) Aniline	6.487	93	564714	47.577	ng	99
8) 2-Chlorophenol	6.604	128	545244	48.153	ng	99
9) Benzaldehyde	6.369	77	318659	42.669	ng	100
10) Phenol	6.463	94	678615	47.420	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	521191	48.869	ng	98
12) 1,3-Dichlorobenzene	6.763	146	613813	48.605	ng	99
13) 1,4-Dichlorobenzene	6.839	146	609332	47.881	ng	99
14) 1,2-Dichlorobenzene	6.992	146	565717	47.656	ng	99
15) Benzyl Alcohol	6.963	79	474583	49.156	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	711735	47.824	ng	100
17) 2-Methylphenol	7.069	107	444678	48.644	ng	100
18) Hexachloroethane	7.334	117	224751	48.837	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	373068	47.373	ng	98
20) 3+4-Methylphenols	7.228	107	546998	47.429	ng	# 85
22) Acetophenone	7.234	105	711333	47.871	ng	98
24) Nitrobenzene	7.404	77	599817	48.807	ng	99
25) Isophorone	7.645	82	982492	48.754	ng	99
26) 2-Nitrophenol	7.722	139	287436	51.416	ng	99
27) 2,4-Dimethylphenol	7.751	122	374236	49.629	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	614567	48.594	ng	99
29) 2,4-Dichlorophenol	7.957	162	447208	49.935	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	495397	48.394	ng	99
31) Naphthalene	8.128	128	1598576	48.495	ng	100
32) Benzoic acid	7.869	122	391608	54.138	ng	98
33) 4-Chloroaniline	8.175	127	544930	47.801	ng	99
34) Hexachlorobutadiene	8.245	225	302873	49.102	ng	99
35) Caprolactam	8.545	113	146669m	49.927	ng	
36) 4-Chloro-3-methylphenol	8.651	107	488345	49.859	ng	99
37) 2-Methylnaphthalene	8.816	142	1021264	48.619	ng	98
38) 1-Methylnaphthalene	8.916	142	992651	47.950	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	460261	48.082	ng	99
41) Hexachlorocyclopentadiene	8.969	237	157828	50.395	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	318276	49.299	ng	99

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44) 2,4,5-Trichlorophenol	9.133	196	342288	50.201	ng	98
46) 1,1'-Biphenyl	9.286	154	1243305	48.003	ng	99
47) 2-Chloronaphthalene	9.310	162	979002	48.530	ng	99
48) 2-Nitroaniline	9.398	65	304048	50.844	ng	96
49) Acenaphthylene	9.722	152	1398990	48.539	ng	100
50) Dimethylphthalate	9.586	163	1098805	49.076	ng	100
51) 2,6-Dinitrotoluene	9.645	165	262596	50.434	ng	96
52) Acenaphthene	9.898	154	988008	49.066	ng	99
53) 3-Nitroaniline	9.810	138	266881	50.440	ng	97
54) 2,4-Dinitrophenol	9.916	184	139903	56.530	ng	# 86
55) Dibenzofuran	10.069	168	1321844	48.261	ng	100
56) 4-Nitrophenol	9.963	139	220382	53.183	ng	95
57) 2,4-Dinitrotoluene	10.045	165	353808	52.728	ng	97
58) Fluorene	10.410	166	1011650	47.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	277818	49.019	ng	98
60) Diethylphthalate	10.286	149	1074789	49.171	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	494329	47.665	ng	97
62) 4-Nitroaniline	10.427	138	269415	52.024	ng	98
63) Azobenzene	10.563	77	1054277	48.881	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	192136	55.890	ng	95
66) n-Nitrosodiphenylamine	10.522	169	894530	46.748	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	326554	47.810	ng	99
68) Hexachlorobenzene	10.957	284	361542	47.551	ng	99
69) Atrazine	11.051	200	272232	52.837	ng	99
70) Pentachlorophenol	11.145	266	250381	51.422	ng	99
71) Phenanthrene	11.374	178	1503408	47.203	ng	99
72) Anthracene	11.422	178	1473797	47.589	ng	100
73) Carbazole	11.580	167	1386206	48.815	ng	100
74) Di-n-butylphthalate	11.916	149	1600680	49.255	ng	100
75) Fluoranthene	12.563	202	1558556	49.037	ng	99
77) Benzidine	12.680	184	290459	45.814	ng	99
78) Pyrene	12.792	202	1571607	48.129	ng	99
80) Butylbenzylphthalate	13.416	149	578964	53.179	ng	98
81) Benzo(a)anthracene	13.986	228	1136119	48.830	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	364178	49.156	ng	99
83) Chrysene	14.021	228	1057551	48.577	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	700052	53.591	ng	99
85) Di-n-octyl phthalate	14.610	149	1055383	53.503	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1185030	48.477	ng	99
88) Benzo(b)fluoranthene	15.045	252	1096957	50.984	ng	100
89) Benzo(k)fluoranthene	15.074	252	865456	47.598	ng	99
90) Benzo(a)pyrene	15.410	252	874134	49.243	ng	100
91) Dibenzo(a,h)anthracene	16.956	278	959595	48.535	ng	99
92) Benzo(g,h,i)perylene	17.380	276	996659	48.464	ng	99

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

