

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141118.D
 Acq On : 10 Jan 2025 17:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jan 10 22:23:43 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	157706	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	600362	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	321522	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	544574	20.000	ng	0.00
76) Chrysene-d12	13.986	240	270448	20.000	ng	0.00
86) Perylene-d12	15.457	264	319464	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1161166	113.741	ng	0.00
7) Phenol-d6	6.451	99	1464294	113.234	ng	0.00
23) Nitrobenzene-d5	7.387	82	1340654	118.372	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	435599	118.901	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2268382	107.735	ng	0.00
79) Terphenyl-d14	12.933	244	2193567	120.552	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.534	88	266794	58.686	ng	100
3) Pyridine	3.275	79	636756	57.117	ng	97
4) n-Nitrosodimethylamine	3.234	42	325634	59.738	ng	99
6) Aniline	6.487	93	643255	56.026	ng	99
8) 2-Chlorophenol	6.604	128	624776	57.043	ng	99
9) Benzaldehyde	6.369	77	364797	50.499	ng	99
10) Phenol	6.463	94	788986	56.996	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	598240	57.990	ng	98
12) 1,3-Dichlorobenzene	6.763	146	693741	56.791	ng	99
13) 1,4-Dichlorobenzene	6.840	146	700356	56.894	ng	99
14) 1,2-Dichlorobenzene	6.993	146	644752	56.150	ng	99
15) Benzyl Alcohol	6.963	79	541420	57.975	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	818728	56.872	ng	99
17) 2-Methylphenol	7.069	107	509763	57.648	ng	99
18) Hexachloroethane	7.334	117	260241	58.460	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	426961	56.050	ng	99
20) 3+4-Methylphenols	7.228	107	624218	55.954	ng	# 87
22) Acetophenone	7.234	105	809173	56.696	ng	# 97
24) Nitrobenzene	7.404	77	699248	59.239	ng	99
25) Isophorone	7.645	82	1131315	58.450	ng	99
26) 2-Nitrophenol	7.722	139	336551	62.679	ng	99
27) 2,4-Dimethylphenol	7.751	122	429261	59.269	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	708043	58.290	ng	99
29) 2,4-Dichlorophenol	7.957	162	510890	59.394	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	568765	57.848	ng	100
31) Naphthalene	8.128	128	1795916	56.724	ng	100
32) Benzoic acid	7.875	122	465348	66.980	ng	97
33) 4-Chloroaniline	8.175	127	639712	58.424	ng	100
34) Hexachlorobutadiene	8.245	225	344699	58.183	ng	100
35) Caprolactam	8.551	113	168796	59.824	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	552248	58.704	ng	99
37) 2-Methylnaphthalene	8.816	142	1147172	56.860	ng	100
38) 1-Methylnaphthalene	8.916	142	1129604	56.812	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	534399	57.909	ng	100
41) Hexachlorocyclopentadiene	8.969	237	184204	61.011	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	364034	58.489	ng	99

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44) 2,4,5-Trichlorophenol	9.134	196	392463	59.706	ng	98
46) 1,1'-Biphenyl	9.281	154	1400460	56.087	ng	99
47) 2-Chloronaphthalene	9.310	162	1104069	56.770	ng	99
48) 2-Nitroaniline	9.398	65	351824	61.027	ng	96
49) Acenaphthylene	9.722	152	1595599	57.426	ng	100
50) Dimethylphthalate	9.587	163	1246443	57.746	ng	100
51) 2,6-Dinitrotoluene	9.645	165	300526	59.872	ng	98
52) Acenaphthene	9.898	154	1118880	57.638	ng	99
53) 3-Nitroaniline	9.810	138	301277	59.064	ng	99
54) 2,4-Dinitrophenol	9.916	184	160627	67.324	ng	90
55) Dibenzofuran	10.069	168	1491333	56.480	ng	100
56) 4-Nitrophenol	9.963	139	248603	62.231	ng	99
57) 2,4-Dinitrotoluene	10.045	165	396697	61.325	ng	98
58) Fluorene	10.410	166	1140533	55.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	324822	59.450	ng	99
60) Diethylphthalate	10.286	149	1212103	57.521	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	563117	56.322	ng	99
62) 4-Nitroaniline	10.428	138	303457	60.783	ng	99
63) Azobenzene	10.563	77	1189100	57.188	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	216263	68.532	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1016238	57.856	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	373557	59.581	ng	100
68) Hexachlorobenzene	10.957	284	412239	59.066	ng	99
69) Atrazine	11.045	200	275405	58.231	ng	99
70) Pentachlorophenol	11.145	266	280071	62.662	ng	100
71) Phenanthrene	11.375	178	1652586	56.525	ng	100
72) Anthracene	11.422	178	1628828	57.297	ng	100
73) Carbazole	11.575	167	1471188	56.440	ng	100
74) Di-n-butylphthalate	11.910	149	1703503	57.105	ng	100
75) Fluoranthene	12.557	202	1612262	55.261	ng	100
77) Benzidine	12.680	184	339258	67.645	ng	100
78) Pyrene	12.786	202	1586225	61.407	ng	99
80) Butylbenzylphthalate	13.410	149	542533	62.995	ng	100
81) Benzo(a)anthracene	13.974	228	1109142	60.261	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	357792	61.050	ng	99
83) Chrysene	14.016	228	1004586	58.332	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	635471	61.496	ng	100
85) Di-n-octyl phthalate	14.598	149	1008931	64.657	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	1475298	63.034	ng	99
88) Benzo(b)fluoranthene	15.033	252	1141152	55.395	ng	100
89) Benzo(k)fluoranthene	15.063	252	1057429	60.741	ng	99
90) Benzo(a)pyrene	15.392	252	1022132	60.139	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	1195359	63.146	ng	99
92) Benzo(g,h,i)perylene	17.363	276	1241806	63.068	ng	100

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

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