

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143422.D
 Acq On : 15 Aug 2025 17:27
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 15 18:29:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103004	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394093	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	216471	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	345949	20.000	ng	0.00
76) Chrysene-d12	14.086	240	183739	20.000	ng	0.00
86) Perylene-d12	15.574	264	234521	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	706677	119.261	ng	0.00
7) Phenol-d6	6.563	99	874080	117.052	ng	0.00
23) Nitrobenzene-d5	7.487	82	801462	120.677	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	240835	124.995	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1405470	109.206	ng	0.00
79) Terphenyl-d14	13.027	244	1336250	122.168	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.693	88	170131	59.648	ng 100
3) Pyridine	3.481	79	468124	62.578	ng 100
4) n-Nitrosodimethylamine	3.422	42	213122	61.294	ng 99
6) Aniline	6.592	93	600661	59.251	ng 97
8) 2-Chlorophenol	6.716	128	388837	59.438	ng 99
9) Benzaldehyde	6.475	77	197912	49.820	ng 99
10) Phenol	6.575	94	514768	59.074	ng 100
11) bis(2-Chloroethyl)ether	6.663	93	381275	59.028	ng 99
12) 1,3-Dichlorobenzene	6.869	146	427836	58.383	ng 100
13) 1,4-Dichlorobenzene	6.945	146	425679	58.184	ng 99
14) 1,2-Dichlorobenzene	7.098	146	404912	57.945	ng 99
15) Benzyl Alcohol	7.069	79	333850	60.623	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	638435	57.816	ng 98
17) 2-Methylphenol	7.181	107	319847	59.925	ng 99
18) Hexachloroethane	7.439	117	147825	59.362	ng 98
19) n-Nitroso-di-n-propyla...	7.339	70	263397	56.976	ng 99
20) 3+4-Methylphenols	7.334	107	375256	58.800	ng 96
22) Acetophenone	7.334	105	480508	56.709	ng 98
24) Nitrobenzene	7.510	77	418529	60.296	ng 97
25) Isophorone	7.751	82	762143	59.959	ng 99
26) 2-Nitrophenol	7.828	139	207903	64.610	ng 97
27) 2,4-Dimethylphenol	7.863	122	318392	58.521	ng 99
28) bis(2-Chloroethoxy)met...	7.951	93	462973	59.257	ng 99
29) 2,4-Dichlorophenol	8.069	162	335897	60.564	ng 99
30) 1,2,4-Trichlorobenzene	8.151	180	333743	58.729	ng 99
31) Naphthalene	8.234	128	1088551	58.181	ng 100
32) Benzoic acid	7.981	122	185215	65.770	ng 98
33) 4-Chloroaniline	8.275	127	405337	60.020	ng 99
34) Hexachlorobutadiene	8.351	225	215339	59.425	ng 98
35) Caprolactam	8.651	113	102996	64.503	ng 99
36) 4-Chloro-3-methylphenol	8.757	107	347155	60.776	ng 99
37) 2-Methylnaphthalene	8.922	142	728301	57.750	ng 100
38) 1-Methylnaphthalene	9.022	142	690769	57.169	ng 100
40) 1,2,4,5-Tetrachloroben...	9.092	216	350585	58.072	ng 100
41) Hexachlorocyclopentadiene	9.081	237	123367	58.008	ng 98
43) 2,4,6-Trichlorophenol	9.198	196	229993	61.072	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	244578	60.587	ng	99
46) 1,1'-Biphenyl	9.386	154	864141	56.815	ng	99
47) 2-Chloronaphthalene	9.410	162	693668	57.777	ng	99
48) 2-Nitroaniline	9.504	65	226112	63.287	ng	97
49) Acenaphthylene	9.828	152	1009829	58.256	ng	99
50) Dimethylphthalate	9.675	163	804304	59.596	ng	99
51) 2,6-Dinitrotoluene	9.739	165	170673	64.151	ng	99
52) Acenaphthene	9.998	154	686545	58.887	ng	99
53) 3-Nitroaniline	9.910	138	190315	64.218	ng	99
54) 2,4-Dinitrophenol	10.022	184	75977	62.767	ng	98
55) Dibenzofuran	10.169	168	972484	57.822	ng	99
56) 4-Nitrophenol	10.075	139	127015	68.171	ng	95
57) 2,4-Dinitrotoluene	10.145	165	235687	66.446	ng	99
58) Fluorene	10.510	166	737784	57.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	199075	65.147	ng	98
60) Diethylphthalate	10.380	149	746953	59.893	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	372354	58.290	ng	96
62) 4-Nitroaniline	10.528	138	183532	66.220	ng	99
63) Azobenzene	10.663	77	751747	59.640	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	121894	68.289	ng	96
66) n-Nitrosodiphenylamine	10.622	169	646995	57.518	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	239597	58.650	ng	99
68) Hexachlorobenzene	11.063	284	253488	58.367	ng	99
69) Atrazine	11.145	200	208818	63.468	ng	99
70) Pentachlorophenol	11.257	266	127891	66.328	ng	99
71) Phenanthrene	11.475	178	1073495	57.303	ng	100
72) Anthracene	11.527	178	1084628	57.323	ng	99
73) Carbazole	11.680	167	944227	59.003	ng	100
74) Di-n-butylphthalate	12.004	149	1011466	63.470	ng	99
75) Fluoranthene	12.663	202	991147	59.543	ng	99
77) Benzidine	12.774	184	298398	57.369	ng	100
78) Pyrene	12.892	202	995037	62.306	ng	100
80) Butylbenzylphthalate	13.498	149	268326	67.834	ng	99
81) Benzo(a)anthracene	14.074	228	733117	62.671	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	212422	62.021	ng	99
83) Chrysene	14.116	228	627062	57.984	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	357629	63.663	ng	99
85) Di-n-octyl phthalate	14.668	149	708936	62.221	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1057633	60.138	ng	99
88) Benzo(b)fluoranthene	15.139	252	732842	58.304	ng	99
89) Benzo(k)fluoranthene	15.168	252	760663	61.356	ng	99
90) Benzo(a)pyrene	15.515	252	733266	61.250	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	850641	60.230	ng	99
92) Benzo(g,h,i)perylene	17.556	276	854308	60.552	ng	99

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

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