

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144062.D
 Acq On : 24 Oct 2025 14:03
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 24 17:05:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49679	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	183444	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	96791	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	161418	20.000	ng	0.00
76) Chrysene-d12	14.057	240	123921	20.000	ng	0.00
86) Perylene-d12	15.539	264	163627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	375381	119.546	ng	0.00
7) Phenol-d6	6.510	99	411719	118.724	ng	0.00
23) Nitrobenzene-d5	7.445	82	394547	117.835	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	144489	117.192	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	768824	111.777	ng	0.00
79) Terphenyl-d14	12.998	244	852221	120.227	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	84559	62.318	ng	97
3) Pyridine	3.399	79	231225	63.652	ng	99
4) n-Nitrosodimethylamine	3.357	42	142698	63.929	ng	94
6) Aniline	6.545	93	297207	59.906	ng	98
8) 2-Chlorophenol	6.663	128	186876	60.432	ng	98
9) Benzaldehyde	6.434	77	238351	88.524	ng	96
10) Phenol	6.522	94	252508	59.020	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	186891	60.453	ng	99
12) 1,3-Dichlorobenzene	6.822	146	226259	59.315	ng	98
13) 1,4-Dichlorobenzene	6.898	146	227179	60.431	ng	99
14) 1,2-Dichlorobenzene	7.051	146	214070	58.852	ng	99
15) Benzyl Alcohol	7.022	79	174301	61.814	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	352170	60.612	ng	98
17) 2-Methylphenol	7.128	107	143469	60.323	ng	96
18) Hexachloroethane	7.392	117	81925	60.955	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	134329	59.901	ng	98
20) 3+4-Methylphenols	7.287	107	167545	59.591	ng	91
22) Acetophenone	7.292	105	230329	58.099	ng	98
24) Nitrobenzene	7.463	77	211531	59.721	ng	97
25) Isophorone	7.704	82	345018	58.938	ng	99
26) 2-Nitrophenol	7.781	139	102611	60.897	ng	98
27) 2,4-Dimethylphenol	7.810	122	154886	61.855	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	213676	58.531	ng	99
29) 2,4-Dichlorophenol	8.022	162	167199	57.418	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	172853	57.700	ng	99
31) Naphthalene	8.187	128	491374	56.753	ng	98
32) Benzoic acid	7.928	122	94440	59.459	ng	88
33) 4-Chloroaniline	8.234	127	178614	59.260	ng	99
34) Hexachlorobutadiene	8.298	225	144876	59.143	ng	99
35) Caprolactam	8.604	113	43478	59.540	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	151183	58.832	ng	95
37) 2-Methylnaphthalene	8.875	142	322390	56.477	ng	95
38) 1-Methylnaphthalene	8.975	142	305454	56.480	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	190043	57.130	ng	99
41) Hexachlorocyclopentadiene	9.028	237	69021	67.178	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	124130	57.409	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	128110	56.455	ng	99
46) 1,1'-Biphenyl	9.339	154	391493	56.503	ng	99
47) 2-Chloronaphthalene	9.369	162	328316	56.560	ng	98
48) 2-Nitroaniline	9.463	65	107641	62.447	ng	97
49) Acenaphthylene	9.781	152	443450	56.657	ng	100
50) Dimethylphthalate	9.633	163	362792	57.182	ng	99
51) 2,6-Dinitrotoluene	9.704	165	76862	61.282	ng	97
52) Acenaphthene	9.951	154	300287	57.448	ng	99
53) 3-Nitroaniline	9.875	138	81163	58.203	ng	94
54) 2,4-Dinitrophenol	9.980	184	39836	58.723	ng	97
55) Dibenzofuran	10.128	168	413469	56.978	ng	99
56) 4-Nitrophenol	10.033	139	56689	60.033	ng	89
57) 2,4-Dinitrotoluene	10.104	165	104669	61.833	ng	96
58) Fluorene	10.469	166	309782	56.026	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	96120	60.109	ng	# 98
60) Diethylphthalate	10.339	149	340933	57.141	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	178448	57.389	ng	99
62) 4-Nitroaniline	10.486	138	76039	57.549	ng	93
63) Azobenzene	10.622	77	326368	57.793	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	61801	59.675	ng	93
66) n-Nitrosodiphenylamine	10.580	169	296038	57.401	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	122445	60.585	ng	96
68) Hexachlorobenzene	11.022	284	147271	59.416	ng	96
69) Atrazine	11.104	200	98426	58.159	ng	98
70) Pentachlorophenol	11.216	266	73420	62.229	ng	97
71) Phenanthrene	11.433	178	466009	58.117	ng	99
72) Anthracene	11.486	178	470111	56.754	ng	98
73) Carbazole	11.639	167	406897	57.712	ng	98
74) Di-n-butylphthalate	11.969	149	516487	59.750	ng	99
75) Fluoranthene	12.627	202	513907	58.010	ng	99
77) Benzidine	12.751	184	290609	75.353	ng	99
78) Pyrene	12.857	202	535252	60.080	ng	99
80) Butylbenzylphthalate	13.474	149	201374	59.747	ng	98
81) Benzo(a)anthracene	14.051	228	525400	62.737	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	182388	62.564	ng	98
83) Chrysene	14.086	228	469140	59.697	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	278705	60.572	ng	100
85) Di-n-octyl phthalate	14.645	149	492821	62.281	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	703773	62.647	ng	99
88) Benzo(b)fluoranthene	15.110	252	544477	58.860	ng	99
89) Benzo(k)fluoranthene	15.139	252	508889	59.626	ng	99
90) Benzo(a)pyrene	15.480	252	505624	60.927	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	552508	62.132	ng	99
92) Benzo(g,h,i)perylene	17.509	276	572243	64.006	ng	99

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

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