

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144453.D
 Acq On : 12 Dec 2025 16:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121225

Quant Time: Dec 12 16:46:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	228993	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	897927	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	482666	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	777264	20.000	ng	0.00
76) Chrysene-d12	13.945	240	428285	20.000	ng	0.00
86) Perylene-d12	15.380	264	418823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1066823	70.245	ng	0.00
7) Phenol-d6	6.416	99	1328620	70.137	ng	0.00
23) Nitrobenzene-d5	7.357	82	1132258	78.909	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	331384	75.940	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2084441	66.251	ng	0.00
79) Terphenyl-d14	12.898	244	1879789	69.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	262255	35.911	ng	99
3) Pyridine	3.222	79	708413	35.278	ng	100
4) n-Nitrosodimethylamine	3.169	42	326649	37.430	ng	100
6) Aniline	6.457	93	970951	36.744	ng	99
8) 2-Chlorophenol	6.575	128	612394	37.611	ng	100
9) Benzaldehyde	6.345	77	470234	31.709	ng	99
10) Phenol	6.428	94	814985	36.453	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	572282	35.020	ng	100
12) 1,3-Dichlorobenzene	6.734	146	641073	36.441	ng	99
13) 1,4-Dichlorobenzene	6.816	146	639820	36.248	ng	100
14) 1,2-Dichlorobenzene	6.963	146	619178	36.938	ng	100
15) Benzyl Alcohol	6.934	79	525620	37.645	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	916437	33.231	ng	99
17) 2-Methylphenol	7.039	107	498552	36.323	ng	99
18) Hexachloroethane	7.310	117	228966	37.333	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	434437	36.307	ng	100
20) 3+4-Methylphenols	7.198	107	616615	36.563	ng	97
22) Acetophenone	7.204	105	794208	35.659	ng	99
24) Nitrobenzene	7.375	77	632728	40.648	ng	100
25) Isophorone	7.616	82	1160863	35.848	ng	99
26) 2-Nitrophenol	7.692	139	266268	40.408	ng	99
27) 2,4-Dimethylphenol	7.728	122	570737	36.938	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	703781	35.269	ng	99
29) 2,4-Dichlorophenol	7.928	162	488764	38.070	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	520755	37.397	ng	98
31) Naphthalene	8.098	128	1712530	35.437	ng	100
32) Benzoic acid	7.828	122	320610	36.643	ng	99
33) 4-Chloroaniline	8.145	127	725082	37.327	ng	99
34) Hexachlorobutadiene	8.222	225	305859	35.523	ng	99
35) Caprolactam	8.516	113	155941	36.782	ng	98
36) 4-Chloro-3-methylphenol	8.622	107	511781	36.720	ng	100
37) 2-Methylnaphthalene	8.792	142	1026523	32.285	ng	99
38) 1-Methylnaphthalene	8.892	142	1056202	34.114	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	494806	36.021	ng	100
41) Hexachlorocyclopentadiene	8.945	237	317717	39.081	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	340763	39.064	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	349575	38.181	ng	99
46) 1,1'-Biphenyl	9.257	154	1333299	35.347	ng	99
47) 2-Chloronaphthalene	9.280	162	1022865	35.522	ng	100
48) 2-Nitroaniline	9.369	65	310041	38.330	ng	99
49) Acenaphthylene	9.692	152	1670375	36.613	ng	100
50) Dimethylphthalate	9.557	163	1154706	35.417	ng	100
51) 2,6-Dinitrotoluene	9.616	165	246481	41.804	ng	99
52) Acenaphthene	9.863	154	1009565	35.491	ng	100
53) 3-Nitroaniline	9.780	138	284941	39.552	ng	99
54) 2,4-Dinitrophenol	9.880	184	88929	39.519	ng	# 65
55) Dibenzofuran	10.039	168	1430002	35.332	ng	99
56) 4-Nitrophenol	9.927	139	221030	39.810	ng	99
57) 2,4-Dinitrotoluene	10.016	165	309399	38.730	ng	97
58) Fluorene	10.380	166	1062616	34.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	297073	42.744	ng	97
60) Diethylphthalate	10.257	149	1101383	35.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	517958	34.446	ng	100
62) 4-Nitroaniline	10.392	138	265661	37.440	ng	99
63) Azobenzene	10.533	77	1167345	35.746	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	134819	40.176	ng	98
66) n-Nitrosodiphenylamine	10.492	169	958294	35.977	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	326663	36.000	ng	99
68) Hexachlorobenzene	10.922	284	358339	35.774	ng	99
69) Atrazine	11.016	200	309934	37.148	ng	100
70) Pentachlorophenol	11.116	266	218340	38.215	ng	98
71) Phenanthrene	11.339	178	1561820	34.855	ng	100
72) Anthracene	11.392	178	1596751	35.207	ng	99
73) Carbazole	11.539	167	1391570	35.344	ng	100
74) Di-n-butylphthalate	11.880	149	1503143	35.715	ng	100
75) Fluoranthene	12.521	202	1473371	33.297	ng	100
77) Benzidine	12.645	184	688687	45.160	ng	100
78) Pyrene	12.751	202	1487940	37.920	ng	100
80) Butylbenzylphthalate	13.374	149	439891	34.839	ng	100
81) Benzo(a)anthracene	13.933	228	1090859	36.169	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	334015	39.083	ng	99
83) Chrysene	13.974	228	927546	33.604	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	509600	34.594	ng	99
85) Di-n-octyl phthalate	14.551	149	757278	34.643	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1221861	40.644	ng	99
88) Benzo(b)fluoranthene	14.968	252	929180	33.794	ng	100
89) Benzo(k)fluoranthene	14.992	252	852647	32.796	ng	100
90) Benzo(a)pyrene	15.321	252	871712	36.271	ng	100
91) Dibenzo(a,h)anthracene	16.821	278	1009049	41.562	ng	99
92) Benzo(g,h,i)perylene	17.227	276	1026454	41.581	ng	100

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

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