

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 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 18:57:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	125639	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	491006	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272709	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	440330	20.000	ng	0.00
76) Chrysene-d12	14.086	240	224321	20.000	ng	0.00
86) Perylene-d12	15.574	264	261605	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	580235	80.281	ng	0.00
7) Phenol-d6	6.557	99	720369	79.088	ng	0.00
23) Nitrobenzene-d5	7.487	82	674421	81.505	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202301	83.344	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1240954	76.538	ng	0.00
79) Terphenyl-d14	13.027	244	1146442	85.853	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.716	88	137973	39.659	ng 99
3) Pyridine	3.499	79	372858	40.863	ng 99
4) n-Nitrosodimethylamine	3.440	42	171863	40.523	ng 100
6) Aniline	6.592	93	498492	40.314	ng 99
8) 2-Chlorophenol	6.716	128	319839	40.083	ng 99
9) Benzaldehyde	6.481	77	217414	44.869	ng 98
10) Phenol	6.575	94	430958	40.546	ng 99
11) bis(2-Chloroethyl)ether	6.657	93	317550	40.305	ng 100
12) 1,3-Dichlorobenzene	6.869	146	355050	39.722	ng 99
13) 1,4-Dichlorobenzene	6.945	146	353824	39.650	ng 99
14) 1,2-Dichlorobenzene	7.098	146	337631	39.612	ng 100
15) Benzyl Alcohol	7.069	79	276064	41.098	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	537541	39.909	ng 100
17) 2-Methylphenol	7.181	107	263479	40.471	ng 99
18) Hexachloroethane	7.439	117	122314	40.268	ng 98
19) n-Nitroso-di-n-propyla...	7.339	70	222462	39.451	ng 97
20) 3+4-Methylphenols	7.334	107	317327	40.773	ng 100
22) Acetophenone	7.334	105	409319	38.772	ng 100
24) Nitrobenzene	7.504	77	353900	40.922	ng 100
25) Isophorone	7.745	82	634395	40.058	ng 100
26) 2-Nitrophenol	7.822	139	171500	42.777	ng 99
27) 2,4-Dimethylphenol	7.863	122	268492	39.609	ng 99
28) bis(2-Chloroethoxy)met...	7.951	93	387437	39.801	ng 99
29) 2,4-Dichlorophenol	8.069	162	278935	40.367	ng 100
30) 1,2,4-Trichlorobenzene	8.151	180	277133	39.142	ng 100
31) Naphthalene	8.234	128	917858	39.375	ng 100
32) Benzoic acid	7.975	122	145960	41.403	ng 97
33) 4-Chloroaniline	8.275	127	341869	40.630	ng 99
34) Hexachlorobutadiene	8.351	225	177092	39.224	ng 97
35) Caprolactam	8.645	113	84212	42.330	ng 99
36) 4-Chloro-3-methylphenol	8.757	107	291765	40.997	ng 98
37) 2-Methylnaphthalene	8.922	142	615873	39.196	ng 100
38) 1-Methylnaphthalene	9.022	142	596492	39.623	ng 99
40) 1,2,4,5-Tetrachloroben...	9.086	216	297713	39.145	ng 99
41) Hexachlorocyclopentadiene	9.081	237	102238	40.416	ng 99
43) 2,4,6-Trichlorophenol	9.198	196	193444	40.774	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210061	41.305	ng	99
46) 1,1'-Biphenyl	9.386	154	748830	39.081	ng	99
47) 2-Chloronaphthalene	9.410	162	590752	39.058	ng	99
48) 2-Nitroaniline	9.504	65	189676	42.141	ng	97
49) Acenaphthylene	9.822	152	866445	39.677	ng	100
50) Dimethylphthalate	9.675	163	686793	40.394	ng	100
51) 2,6-Dinitrotoluene	9.739	165	146942	43.842	ng	98
52) Acenaphthene	9.998	154	589195	40.115	ng	100
53) 3-Nitroaniline	9.910	138	160770	43.062	ng	99
54) 2,4-Dinitrophenol	10.022	184	60785	41.967	ng	97
55) Dibenzofuran	10.169	168	827034	39.033	ng	99
56) 4-Nitrophenol	10.075	139	104368	44.464	ng	98
57) 2,4-Dinitrotoluene	10.145	165	198343	44.386	ng	100
58) Fluorene	10.510	166	635952	39.070	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	167166	43.424	ng	99
60) Diethylphthalate	10.380	149	636541	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	318141	39.533	ng	100
62) 4-Nitroaniline	10.522	138	152248	43.604	ng	97
63) Azobenzene	10.663	77	637467	40.143	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	104008	45.779	ng	99
66) n-Nitrosodiphenylamine	10.616	169	554575	38.734	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	205635	39.547	ng	99
68) Hexachlorobenzene	11.063	284	215158	38.923	ng	99
69) Atrazine	11.139	200	177396	42.361	ng	99
70) Pentachlorophenol	11.257	266	105712	43.486	ng	99
71) Phenanthrene	11.474	178	919627	38.568	ng	100
72) Anthracene	11.527	178	937696	38.935	ng	100
73) Carbazole	11.674	167	804170	39.480	ng	100
74) Di-n-butylphthalate	12.004	149	859613	42.379	ng	100
75) Fluoranthene	12.663	202	842615	39.770	ng	100
77) Benzidine	12.774	184	301000	47.400	ng	100
78) Pyrene	12.892	202	845466	43.363	ng	99
80) Butylbenzylphthalate	13.498	149	216055	44.739	ng	100
81) Benzo(a)anthracene	14.074	228	569456	39.874	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	164709	39.390	ng	99
83) Chrysene	14.110	228	539626	40.872	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	282227	41.151	ng	99
85) Di-n-octyl phthalate	14.668	149	546335	39.276	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	810056	41.292	ng	100
88) Benzo(b)fluoranthene	15.139	252	561290	40.032	ng	99
89) Benzo(k)fluoranthene	15.168	252	556803	40.263	ng	100
90) Benzo(a)pyrene	15.510	252	536535	40.177	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	656933	41.699	ng	99
92) Benzo(g,h,i)perylene	17.551	276	652150	41.438	ng	99

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

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