

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
 Data File : BF142697.D
 Acq On : 09 Jun 2025 17:30
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

Quant Time: Jun 09 17:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 17:10:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	84299	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	319266	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	194584	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	385810	20.000	ng	0.00
76) Chrysene-d12	14.069	240	221007	20.000	ng	0.00
86) Perylene-d12	15.563	264	176509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	395149	79.591	ng	0.00
7) Phenol-d6	6.522	99	465383	79.932	ng	0.00
23) Nitrobenzene-d5	7.463	82	456568	78.591	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	192045	87.845	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1012025	71.127	ng	0.00
79) Terphenyl-d14	13.010	244	1177445	84.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	79990	42.075	ng	99
3) Pyridine	3.446	79	203629	41.529	ng	100
4) n-Nitrosodimethylamine	3.405	42	99035	41.498	ng	98
6) Aniline	6.557	93	314253	40.202	ng	99
8) 2-Chlorophenol	6.681	128	213711	39.454	ng	98
9) Benzaldehyde	6.446	77	137872	42.005	ng	99
10) Phenol	6.540	94	263664	40.441	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	184610	38.868	ng	100
12) 1,3-Dichlorobenzene	6.834	146	237367	39.129	ng	100
13) 1,4-Dichlorobenzene	6.910	146	242456	39.089	ng	98
14) 1,2-Dichlorobenzene	7.063	146	230922	39.046	ng	98
15) Benzyl Alcohol	7.034	79	170205	39.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	292640	37.837	ng	99
17) 2-Methylphenol	7.146	107	164693	39.651	ng	98
18) Hexachloroethane	7.410	117	86059	40.386	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	136020	39.854	ng	99
20) 3+4-Methylphenols	7.298	107	203265	39.736	ng	98
22) Acetophenone	7.304	105	270439	38.750	ng	100
24) Nitrobenzene	7.481	77	205623	39.247	ng	98
25) Isophorone	7.716	82	366928	38.930	ng	100
26) 2-Nitrophenol	7.793	139	116979	40.477	ng	96
27) 2,4-Dimethylphenol	7.828	122	194119	39.523	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	227954	38.561	ng	99
29) 2,4-Dichlorophenol	8.040	162	178767	39.730	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	194821	39.694	ng	99
31) Naphthalene	8.204	128	616558	39.190	ng	100
32) Benzoic acid	7.940	122	115551	38.754	ng	99
33) 4-Chloroaniline	8.251	127	255687	39.531	ng	99
34) Hexachlorobutadiene	8.316	225	119427	39.509	ng	98
35) Caprolactam	8.622	113	54368	39.339	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	186512	40.185	ng	99
37) 2-Methylnaphthalene	8.892	142	395696	39.972	ng	100
38) 1-Methylnaphthalene	8.992	142	410403	40.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	202480	36.007	ng	99
41) Hexachlorocyclopentadiene	9.045	237	125104	37.884	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	136237	36.923	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	139977	35.518	ng	99
46) 1,1'-Biphenyl	9.357	154	544487	35.985	ng	100
47) 2-Chloronaphthalene	9.387	162	411042	36.257	ng	99
48) 2-Nitroaniline	9.475	65	124520	36.910	ng	95
49) Acenaphthylene	9.798	152	722161	38.434	ng	100
50) Dimethylphthalate	9.657	163	475263	36.302	ng	100
51) 2,6-Dinitrotoluene	9.722	165	107757	38.049	ng	99
52) Acenaphthene	9.975	154	461682	40.166	ng	99
53) 3-Nitroaniline	9.892	138	125514	39.443	ng	99
54) 2,4-Dinitrophenol	9.998	184	66147	42.186	ng	99
55) Dibenzofuran	10.145	168	731172	44.341	ng	99
56) 4-Nitrophenol	10.045	139	94338	43.130	ng	96
57) 2,4-Dinitrotoluene	10.122	165	171158	45.087	ng	99
58) Fluorene	10.486	166	568156	43.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	152908	46.107	ng	100
60) Diethylphthalate	10.357	149	547465	43.074	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	272933	43.799	ng	99
62) 4-Nitroaniline	10.504	138	135800	44.986	ng	99
63) Azobenzene	10.639	77	497629	43.709	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	98873	40.181	ng	99
66) n-Nitrosodiphenylamine	10.598	169	495379	39.768	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	168258	39.457	ng	99
68) Hexachlorobenzene	11.034	284	188424	38.454	ng	98
69) Atrazine	11.122	200	145590	38.540	ng	100
70) Pentachlorophenol	11.228	266	106526	39.532	ng	99
71) Phenanthrene	11.451	178	794668	38.529	ng	100
72) Anthracene	11.504	178	815309	38.091	ng	100
73) Carbazole	11.657	167	732650	38.013	ng	100
74) Di-n-butylphthalate	11.980	149	797398	38.971	ng	100
75) Fluoranthene	12.639	202	799546	38.690	ng	99
77) Benzidine	12.763	184	370858	48.621	ng	100
78) Pyrene	12.869	202	788543	43.787	ng	100
80) Butylbenzylphthalate	13.486	149	224998	40.571	ng	99
81) Benzo(a)anthracene	14.063	228	578210	40.313	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	182938	39.901	ng	99
83) Chrysene	14.098	228	503279	37.045	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	264417	41.760	ng	99
85) Di-n-octyl phthalate	14.657	149	485987	39.464	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	611767	48.998	ng	99
88) Benzo(b)fluoranthene	15.121	252	447796	42.464	ng	99
89) Benzo(k)fluoranthene	15.157	252	404568	40.769	ng	99
90) Benzo(a)pyrene	15.504	252	387327	39.196	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	500646	49.811	ng	99
92) Benzo(g,h,i)perylene	17.545	276	499240	47.968	ng	100

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

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