

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143420.D
 Acq On : 15 Aug 2025 16:28
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 15 18:27:44 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	132257	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	505729	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	275083	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	418439	20.000	ng	0.00
76) Chrysene-d12	14.086	240	217298	20.000	ng	0.00
86) Perylene-d12	15.574	264	282413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	606940	79.773	ng	0.00
7) Phenol-d6	6.557	99	747976	78.010	ng	0.00
23) Nitrobenzene-d5	7.487	82	685209	80.398	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	194710	79.524	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1245188	76.137	ng	0.00
79) Terphenyl-d14	13.027	244	996745	77.055	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	149291	40.765	ng	100
3) Pyridine	3.510	79	393429	40.960	ng	100
4) n-Nitrosodimethylamine	3.452	42	180000	40.318	ng	100
6) Aniline	6.593	93	524888	40.324	ng	100
8) 2-Chlorophenol	6.716	128	331125	39.421	ng	100
9) Benzaldehyde	6.475	77	194204	38.074	ng	100
10) Phenol	6.575	94	449047	40.134	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	327002	39.428	ng	100
12) 1,3-Dichlorobenzene	6.869	146	369069	39.224	ng	100
13) 1,4-Dichlorobenzene	6.946	146	369492	39.334	ng	100
14) 1,2-Dichlorobenzene	7.098	146	350532	39.068	ng	100
15) Benzyl Alcohol	7.069	79	285470	40.372	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	554459	39.105	ng	100
17) 2-Methylphenol	7.181	107	271001	39.543	ng	100
18) Hexachloroethane	7.440	117	126367	39.521	ng	100
19) n-Nitroso-di-n-propyla...	7.334	70	228365	38.472	ng	100
20) 3+4-Methylphenols	7.334	107	328370	40.072	ng	100
22) Acetophenone	7.334	105	423320	38.931	ng	100
24) Nitrobenzene	7.504	77	361256	40.556	ng	100
25) Isophorone	7.745	82	641248	39.312	ng	100
26) 2-Nitrophenol	7.822	139	171491	41.530	ng	100
27) 2,4-Dimethylphenol	7.863	122	272589	39.043	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	394269	39.324	ng	100
29) 2,4-Dichlorophenol	8.069	162	284618	39.990	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	286685	39.312	ng	100
31) Naphthalene	8.234	128	951330	39.623	ng	100
32) Benzoic acid	7.975	122	144395	39.956	ng	100
33) 4-Chloroaniline	8.275	127	348006	40.155	ng	100
34) Hexachlorobutadiene	8.351	225	185656	39.924	ng	100
35) Caprolactam	8.645	113	81112	39.584	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	291801	39.809	ng	100
37) 2-Methylnaphthalene	8.922	142	631789	39.038	ng	100
38) 1-Methylnaphthalene	9.022	142	604084	38.959	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	301932	39.357	ng	100
41) Hexachlorocyclopentadiene	9.081	237	98458	38.885	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	194463	40.635	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	207994	40.546	ng	100
46) 1,1'-Biphenyl	9.381	154	756357	39.133	ng	100
47) 2-Chloronaphthalene	9.410	162	595680	39.044	ng	100
48) 2-Nitroaniline	9.498	65	184632	40.666	ng	100
49) Acenaphthylene	9.822	152	865258	39.280	ng	100
50) Dimethylphthalate	9.675	163	665610	38.811	ng	100
51) 2,6-Dinitrotoluene	9.739	165	138694	41.024	ng	100
52) Acenaphthene	9.998	154	573888	38.736	ng	100
53) 3-Nitroaniline	9.910	138	155480	41.285	ng	100
54) 2,4-Dinitrophenol	10.022	184	52940	37.023	ng	100
55) Dibenzofuran	10.169	168	834107	39.027	ng	100
56) 4-Nitrophenol	10.075	139	98425	41.570	ng	100
57) 2,4-Dinitrotoluene	10.145	165	183519	40.714	ng	100
58) Fluorene	10.510	166	623065	37.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	163623	42.137	ng	100
60) Diethylphthalate	10.375	149	609804	38.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	315863	38.911	ng	100
62) 4-Nitroaniline	10.522	138	143326	40.695	ng	100
63) Azobenzene	10.663	77	625307	39.038	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	89738	41.565	ng	100
66) n-Nitrosodiphenylamine	10.616	169	539955	39.686	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	197382	39.946	ng	100
68) Hexachlorobenzene	11.063	284	204335	38.899	ng	100
69) Atrazine	11.139	200	159131	39.987	ng	100
70) Pentachlorophenol	11.257	266	95543	40.967	ng	100
71) Phenanthrene	11.475	178	887025	39.146	ng	100
72) Anthracene	11.528	178	891035	38.933	ng	100
73) Carbazole	11.675	167	748842	38.687	ng	100
74) Di-n-butylphthalate	12.004	149	746153	38.710	ng	100
75) Fluoranthene	12.663	202	747356	37.119	ng	100
77) Benzidine	12.775	184	246322	40.043	ng	100
78) Pyrene	12.892	202	737731	39.060	ng	100
80) Butylbenzylphthalate	13.498	149	199307	42.604	ng	100
81) Benzo(a)anthracene	14.074	228	545178	39.407	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	170953	42.205	ng	100
83) Chrysene	14.110	228	518778	40.562	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	290451	43.719	ng	100
85) Di-n-octyl phthalate	14.669	149	578031	42.897	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	844235	39.863	ng	100
88) Benzo(b)fluoranthene	15.139	252	615448	40.661	ng	100
89) Benzo(k)fluoranthene	15.169	252	594473	39.820	ng	100
90) Benzo(a)pyrene	15.510	252	589150	40.866	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	679495	39.953	ng	100
92) Benzo(g,h,i)perylene	17.551	276	681509	40.113	ng	100

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

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