

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143305.D
 Acq On : 05 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 05 10:19:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113128	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	431458	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	216118	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	330581	20.000	ng	0.00
76) Chrysene-d12	14.127	240	218496	20.000	ng	0.00
86) Perylene-d12	15.633	264	256941	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	568417	79.512	ng	0.00
7) Phenol-d6	6.587	99	710622	78.974	ng	0.00
23) Nitrobenzene-d5	7.522	82	706383	81.610	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	173707	77.804	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1241906	78.589	ng	0.00
79) Terphenyl-d14	13.069	244	1061185	72.274	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.793	88	140646	41.578	ng 98
3) Pyridine	3.569	79	354428	40.368	ng 98
4) n-Nitrosodimethylamine	3.510	42	181754	40.095	ng 97
6) Aniline	6.622	93	500443	39.906	ng 99
8) 2-Chlorophenol	6.751	128	300692	40.127	ng 98
9) Benzaldehyde	6.510	77	285940	42.378	ng 99
10) Phenol	6.604	94	410472	41.874	ng 98
11) bis(2-Chloroethyl)ether	6.692	93	302536	40.309	ng 99
12) 1,3-Dichlorobenzene	6.904	146	325898	40.035	ng 99
13) 1,4-Dichlorobenzene	6.981	146	326121	39.782	ng 99
14) 1,2-Dichlorobenzene	7.134	146	313591	40.219	ng 99
15) Benzyl Alcohol	7.098	79	269432	39.216	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	565350	40.606	ng 100
17) 2-Methylphenol	7.210	107	247541	39.288	ng 98
18) Hexachloroethane	7.481	117	115517	40.705	ng 98
19) n-Nitroso-di-n-propyla...	7.369	70	220998	38.282	ng 98
20) 3+4-Methylphenols	7.363	107	302555	39.579	ng # 75
22) Acetophenone	7.369	105	394575	38.628	ng # 99
24) Nitrobenzene	7.539	77	330922	41.008	ng 99
25) Isophorone	7.781	82	595203	38.953	ng 98
26) 2-Nitrophenol	7.857	139	161031	45.979	ng 98
27) 2,4-Dimethylphenol	7.892	122	279672	39.176	ng 97
28) bis(2-Chloroethoxy)met...	7.987	93	373502	40.769	ng 99
29) 2,4-Dichlorophenol	8.098	162	243569	40.457	ng 99
30) 1,2,4-Trichlorobenzene	8.187	180	261981	40.279	ng 99
31) Naphthalene	8.263	128	847127	39.867	ng 100
32) Benzoic acid	7.992	122	137490	35.679	ng 99
33) 4-Chloroaniline	8.310	127	338525	39.017	ng 98
34) Hexachlorobutadiene	8.386	225	158189	39.813	ng 98
35) Caprolactam	8.669	113	71956	39.552	ng 96
36) 4-Chloro-3-methylphenol	8.786	107	254785	38.936	ng 98
37) 2-Methylnaphthalene	8.957	142	512465	39.633	ng 100
38) 1-Methylnaphthalene	9.057	142	527577	39.623	ng 99
40) 1,2,4,5-Tetrachloroben...	9.122	216	258812	41.479	ng 98
41) Hexachlorocyclopentadiene	9.116	237	144189	35.515	ng 99
43) 2,4,6-Trichlorophenol	9.233	196	164824	38.169	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	172802	40.004	ng	99
46) 1,1'-Biphenyl	9.416	154	679840	40.319	ng	99
47) 2-Chloronaphthalene	9.445	162	498905	39.988	ng	99
48) 2-Nitroaniline	9.533	65	165874	42.396	ng	99
49) Acenaphthylene	9.863	152	822478	39.337	ng	100
50) Dimethylphthalate	9.716	163	554408	39.355	ng	99
51) 2,6-Dinitrotoluene	9.775	165	120661	42.105	ng	97
52) Acenaphthene	10.033	154	500323	40.487	ng	99
53) 3-Nitroaniline	9.945	138	136582	40.747	ng	96
54) 2,4-Dinitrophenol	10.051	184	49591	41.665	ng #	1
55) Dibenzofuran	10.204	168	719575	39.219	ng	98
56) 4-Nitrophenol	10.098	139	144639	57.785	ng	98
57) 2,4-Dinitrotoluene	10.175	165	152755	42.487	ng	99
58) Fluorene	10.545	166	538130	39.080	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	134953	37.715	ng	99
60) Diethylphthalate	10.416	149	540701	38.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	274523	40.037	ng	98
62) 4-Nitroaniline	10.557	138	115398	40.169	ng	97
63) Azobenzene	10.698	77	566976	39.070	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	74287	43.445	ng	96
66) n-Nitrosodiphenylamine	10.651	169	473628	40.687	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	161943	41.106	ng	98
68) Hexachlorobenzene	11.104	284	162603	39.488	ng	97
69) Atrazine	11.175	200	134626	41.949	ng	99
70) Pentachlorophenol	11.292	266	84653	34.958	ng	95
71) Phenanthrene	11.510	178	696835	39.699	ng	100
72) Anthracene	11.563	178	717238	40.065	ng	99
73) Carbazole	11.710	167	624105	39.925	ng	100
74) Di-n-butylphthalate	12.039	149	778708	44.026	ng	100
75) Fluoranthene	12.698	202	668876	41.516	ng	99
77) Benzidine	12.816	184	214485	25.479	ng	98
78) Pyrene	12.927	202	679600	36.445	ng	100
80) Butylbenzylphthalate	13.539	149	270164	47.313	ng	100
81) Benzo(a)anthracene	14.116	228	570817	39.021	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	204352	41.914	ng	99
83) Chrysene	14.151	228	538092	40.913	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	383240	44.342	ng	99
85) Di-n-octyl phthalate	14.716	149	645935	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.180	276	720085	39.745	ng	99
88) Benzo(b)fluoranthene	15.186	252	595917	37.964	ng	98
89) Benzo(k)fluoranthene	15.221	252	542772	38.750	ng	100
90) Benzo(a)pyrene	15.568	252	569386	39.371	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	576896	39.120	ng	98
92) Benzo(g,h,i)perylene	17.651	276	580577	40.700	ng	99

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

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