

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 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	97351	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	364498	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	187438	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	309922	20.000	ng	0.00
76) Chrysene-d12	14.121	240	228057	20.000	ng	0.00
86) Perylene-d12	15.627	264	245226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	484136	78.697	ng	0.00
7) Phenol-d6	6.592	99	593088	76.594	ng	0.00
23) Nitrobenzene-d5	7.522	82	594723	81.332	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	151520	78.251	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1088775	79.441	ng	0.00
79) Terphenyl-d14	13.063	244	1074970	70.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	113651	39.043	ng	98
3) Pyridine	3.575	79	283334	37.501	ng	98
4) n-Nitrosodimethylamine	3.510	42	151578	38.857	ng	97
6) Aniline	6.628	93	402849	37.330	ng	99
8) 2-Chlorophenol	6.751	128	252794	39.203	ng	97
9) Benzaldehyde	6.510	77	207569	35.749	ng	98
10) Phenol	6.604	94	336045	39.837	ng	97
11) bis(2-Chloroethyl)ether	6.692	93	244219	37.812	ng	99
12) 1,3-Dichlorobenzene	6.910	146	281071	40.124	ng	98
13) 1,4-Dichlorobenzene	6.981	146	280709	39.792	ng	99
14) 1,2-Dichlorobenzene	7.134	146	269162	40.116	ng	99
15) Benzyl Alcohol	7.098	79	228448	38.639	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	450642	37.612	ng	99
17) 2-Methylphenol	7.210	107	207561	38.282	ng	99
18) Hexachloroethane	7.481	117	100851	41.296	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	180795	36.393	ng	98
20) 3+4-Methylphenols	7.363	107	256887	39.051	ng	# 77
22) Acetophenone	7.369	105	335287	38.853	ng	# 99
24) Nitrobenzene	7.539	77	274884	40.321	ng	99
25) Isophorone	7.781	82	487827	37.791	ng	98
26) 2-Nitrophenol	7.857	139	130397	44.072	ng	99
27) 2,4-Dimethylphenol	7.892	122	230195	38.169	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	292069	37.737	ng	99
29) 2,4-Dichlorophenol	8.098	162	200347	39.391	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	223983	40.763	ng	100
31) Naphthalene	8.269	128	713073	39.723	ng	99
32) Benzoic acid	7.986	122	138803	41.627	ng	98
33) 4-Chloroaniline	8.310	127	280428	38.259	ng	99
34) Hexachlorobutadiene	8.386	225	137489	40.960	ng	99
35) Caprolactam	8.663	113	62853	40.895	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	214294	38.764	ng	97
37) 2-Methylnaphthalene	8.957	142	432353	39.580	ng	100
38) 1-Methylnaphthalene	9.057	142	448502	39.872	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	216223	39.956	ng	99
41) Hexachlorocyclopentadiene	9.116	237	148176	42.082	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	144660	38.625	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	150645	40.211	ng	98
46) 1,1'-Biphenyl	9.416	154	576976	39.454	ng	100
47) 2-Chloronaphthalene	9.445	162	421533	38.957	ng	99
48) 2-Nitroaniline	9.533	65	139765	41.188	ng	99
49) Acenaphthylene	9.863	152	707016	38.989	ng	100
50) Dimethylphthalate	9.710	163	482643	39.503	ng	100
51) 2,6-Dinitrotoluene	9.769	165	101938	41.014	ng	96
52) Acenaphthene	10.033	154	424478	39.605	ng	99
53) 3-Nitroaniline	9.939	138	120421	41.423	ng	98
54) 2,4-Dinitrophenol	10.045	184	45389	43.601	ng	# 50
55) Dibenzofuran	10.204	168	625794	39.327	ng	100
56) 4-Nitrophenol	10.092	139	90214	41.556	ng	97
57) 2,4-Dinitrotoluene	10.175	165	135422	43.429	ng	96
58) Fluorene	10.545	166	476175	39.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	111208	35.835	ng	98
60) Diethylphthalate	10.416	149	478128	39.593	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	238049	40.030	ng	98
62) 4-Nitroaniline	10.551	138	108074	43.376	ng	99
63) Azobenzene	10.698	77	489180	38.867	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	65757	41.322	ng	94
66) n-Nitrosodiphenylamine	10.651	169	413888	37.925	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	142152	38.488	ng	99
68) Hexachlorobenzene	11.098	284	150979	39.109	ng	99
69) Atrazine	11.174	200	126687	42.107	ng	99
70) Pentachlorophenol	11.286	266	83028	36.572	ng	99
71) Phenanthrene	11.510	178	646817	39.306	ng	100
72) Anthracene	11.563	178	667319	39.761	ng	100
73) Carbazole	11.710	167	608177	41.500	ng	99
74) Di-n-butylphthalate	12.039	149	733248	44.219	ng	100
75) Fluoranthene	12.698	202	673881	44.615	ng	99
77) Benzidine	12.810	184	357711	40.712	ng	98
78) Pyrene	12.927	202	676567	34.761	ng	99
80) Butylbenzylphthalate	13.539	149	280954	47.140	ng	97
81) Benzo(a)anthracene	14.110	228	581201	38.065	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	196307	38.576	ng	100
83) Chrysene	14.151	228	547436	39.878	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	392081	43.463	ng	99
85) Di-n-octyl phthalate	14.710	149	657230	40.193	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	665501	38.487	ng	99
88) Benzo(b)fluoranthene	15.180	252	626496	41.819	ng	99
89) Benzo(k)fluoranthene	15.210	252	489587	36.623	ng	100
90) Benzo(a)pyrene	15.562	252	543505	39.377	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	544233	38.668	ng	99
92) Benzo(g,h,i)perylene	17.633	276	538105	39.524	ng	99

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

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