

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143290.D
 Acq On : 04 Aug 2025 12:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 04 12:25:03 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	116257	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	448345	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	222822	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	357497	20.000	ng	0.00
76) Chrysene-d12	14.127	240	221589	20.000	ng	0.00
86) Perylene-d12	15.633	264	245090	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	606503	82.556	ng	0.00
7) Phenol-d6	6.587	99	764925	82.721	ng	0.00
23) Nitrobenzene-d5	7.522	82	745017	82.831	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	191595	83.234	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1325210	81.338	ng	0.00
79) Terphenyl-d14	13.068	244	1181891	79.371	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.793	88	147643	42.472	ng 99
3) Pyridine	3.569	79	375753	41.645	ng 97
4) n-Nitrosodimethylamine	3.510	42	192450	41.312	ng 99
6) Aniline	6.622	93	527707	40.947	ng 100
8) 2-Chlorophenol	6.745	128	316735	41.131	ng 99
9) Benzaldehyde	6.510	77	305065	43.996	ng 97
10) Phenol	6.598	94	442980	43.974	ng 99
11) bis(2-Chloroethyl)ether	6.692	93	323310	41.917	ng 99
12) 1,3-Dichlorobenzene	6.904	146	347320	41.518	ng 99
13) 1,4-Dichlorobenzene	6.981	146	347438	41.242	ng 99
14) 1,2-Dichlorobenzene	7.134	146	329962	41.180	ng 99
15) Benzyl Alcohol	7.098	79	284252	40.259	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	595292	41.605	ng 99
17) 2-Methylphenol	7.210	107	264309	40.820	ng 99
18) Hexachloroethane	7.481	117	122948	42.157	ng 98
19) n-Nitroso-di-n-propyla...	7.369	70	235859	39.756	ng 100
20) 3+4-Methylphenols	7.357	107	320435	40.790	ng # 90
22) Acetophenone	7.363	105	424779	40.018	ng 95
24) Nitrobenzene	7.539	77	350897	41.845	ng 99
25) Isophorone	7.781	82	645466	40.651	ng 98
26) 2-Nitrophenol	7.857	139	161300	44.321	ng 97
27) 2,4-Dimethylphenol	7.886	122	297292	40.075	ng 99
28) bis(2-Chloroethoxy)met...	7.986	93	390552	41.024	ng 99
29) 2,4-Dichlorophenol	8.098	162	257136	41.101	ng 99
30) 1,2,4-Trichlorobenzene	8.186	180	274523	40.617	ng 100
31) Naphthalene	8.263	128	904301	40.955	ng 100
32) Benzoic acid	7.986	122	144452	36.017	ng 99
33) 4-Chloroaniline	8.304	127	370622	41.108	ng 99
34) Hexachlorobutadiene	8.386	225	167090	40.469	ng 100
35) Caprolactam	8.669	113	78675	41.616	ng 95
36) 4-Chloro-3-methylphenol	8.786	107	273287	40.190	ng 98
37) 2-Methylnaphthalene	8.957	142	546815	40.697	ng 100
38) 1-Methylnaphthalene	9.057	142	563707	40.742	ng 100
40) 1,2,4,5-Tetrachloroben...	9.122	216	271962	42.275	ng 99
41) Hexachlorocyclopentadiene	9.116	237	158600	37.890	ng 97
43) 2,4,6-Trichlorophenol	9.227	196	176234	39.583	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	183545	41.213	ng	97
46) 1,1'-Biphenyl	9.416	154	726719	41.803	ng	99
47) 2-Chloronaphthalene	9.445	162	530420	41.235	ng	99
48) 2-Nitroaniline	9.533	65	177897	44.101	ng	99
49) Acenaphthylene	9.863	152	891599	41.360	ng	100
50) Dimethylphthalate	9.716	163	605845	41.713	ng	99
51) 2,6-Dinitrotoluene	9.775	165	126462	42.801	ng	99
52) Acenaphthene	10.033	154	529473	41.556	ng	98
53) 3-Nitroaniline	9.945	138	144603	41.842	ng	98
54) 2,4-Dinitrophenol	10.045	184	46369	38.406	ng	76
55) Dibenzofuran	10.204	168	773380	40.884	ng	100
56) 4-Nitrophenol	10.098	139	122759	47.568	ng	97
57) 2,4-Dinitrotoluene	10.175	165	161921	43.681	ng	99
58) Fluorene	10.545	166	588068	41.421	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	152351	41.297	ng	99
60) Diethylphthalate	10.416	149	596065	41.521	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	295698	41.828	ng	98
62) 4-Nitroaniline	10.551	138	126976	42.869	ng	98
63) Azobenzene	10.698	77	632496	42.274	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	72398	39.687	ng	96
66) n-Nitrosodiphenylamine	10.651	169	516157	41.002	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	176671	41.468	ng	98
68) Hexachlorobenzene	11.098	284	179341	40.274	ng	99
69) Atrazine	11.174	200	151122	43.544	ng	99
70) Pentachlorophenol	11.292	266	96122	36.705	ng	99
71) Phenanthrene	11.510	178	776124	40.887	ng	100
72) Anthracene	11.563	178	802840	41.470	ng	100
73) Carbazole	11.710	167	699813	41.398	ng	100
74) Di-n-butylphthalate	12.039	149	853617	44.628	ng	100
75) Fluoranthene	12.698	202	756625	43.427	ng	99
77) Benzidine	12.810	184	240333	28.151	ng	99
78) Pyrene	12.927	202	759147	40.142	ng	100
80) Butylbenzylphthalate	13.539	149	274051	47.324	ng	99
81) Benzo(a)anthracene	14.115	228	601085	40.517	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	204827	41.425	ng	99
83) Chrysene	14.151	228	553189	41.473	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	389680	44.458	ng	100
85) Di-n-octyl phthalate	14.715	149	632706	39.823	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	722978	41.834	ng	98
88) Benzo(b)fluoranthene	15.186	252	638824	42.666	ng	99
89) Benzo(k)fluoranthene	15.215	252	507658	37.996	ng	99
90) Benzo(a)pyrene	15.568	252	569469	41.280	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	593146	42.167	ng	99
92) Benzo(g,h,i)perylene	17.639	276	591017	43.435	ng	99

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

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