

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142701.D
 Acq On : 10 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 10 11:02:50 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 18:21:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	82620	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	309806	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	166836	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	293543	20.000	ng	0.00
76) Chrysene-d12	14.068	240	175532	20.000	ng	0.00
86) Perylene-d12	15.562	264	161327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	386378	79.406	ng	0.00
7) Phenol-d6	6.522	99	459057	80.448	ng	-0.01
23) Nitrobenzene-d5	7.463	82	447427	79.369	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	143796	76.715	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	944312	77.406	ng	0.00
79) Terphenyl-d14	13.010	244	952131	85.786	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	81149	43.552	ng	98
3) Pyridine	3.446	79	205266	42.714	ng	99
4) n-Nitrosodimethylamine	3.398	42	97113	41.520	ng	99
6) Aniline	6.557	93	308382	40.253	ng	99
8) 2-Chlorophenol	6.681	128	210732	39.695	ng	99
9) Benzaldehyde	6.445	77	135557	42.139	ng	99
10) Phenol	6.539	94	257717	40.332	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	183433	39.405	ng	99
12) 1,3-Dichlorobenzene	6.834	146	236576	39.791	ng	98
13) 1,4-Dichlorobenzene	6.916	146	240589	39.577	ng	99
14) 1,2-Dichlorobenzene	7.063	146	229935	39.669	ng	99
15) Benzyl Alcohol	7.034	79	167854	40.213	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	283979	37.463	ng	99
17) 2-Methylphenol	7.145	107	161567	39.689	ng	99
18) Hexachloroethane	7.410	117	83668	40.062	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	133750	39.986	ng	99
20) 3+4-Methylphenols	7.298	107	201537	40.199	ng	100
22) Acetophenone	7.304	105	266525	39.355	ng	99
24) Nitrobenzene	7.481	77	201694	39.673	ng	97
25) Isophorone	7.716	82	360361	39.401	ng	100
26) 2-Nitrophenol	7.792	139	111646	39.812	ng	94
27) 2,4-Dimethylphenol	7.828	122	189621	39.786	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	221587	38.628	ng	98
29) 2,4-Dichlorophenol	8.039	162	175582	40.213	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	188681	39.617	ng	100
31) Naphthalene	8.204	128	597261	39.123	ng	100
32) Benzoic acid	7.939	122	108596	37.574	ng	100
33) 4-Chloroaniline	8.251	127	246721	39.310	ng	100
34) Hexachlorobutadiene	8.316	225	115655	39.429	ng	99
35) Caprolactam	8.616	113	53055	39.561	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	177302	39.367	ng	100
37) 2-Methylnaphthalene	8.892	142	369720	38.489	ng	100
38) 1-Methylnaphthalene	8.992	142	378163	38.016	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	186896	38.764	ng	100
41) Hexachlorocyclopentadiene	9.045	237	115049	40.634	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	126788	40.077	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	133219	39.425	ng	98
46) 1,1'-Biphenyl	9.357	154	495366	38.184	ng	100
47) 2-Chloronaphthalene	9.386	162	370171	38.082	ng	99
48) 2-Nitroaniline	9.480	65	111102	38.410	ng	99
49) Acenaphthylene	9.798	152	626846	38.910	ng	99
50) Dimethylphthalate	9.657	163	428367	38.162	ng	100
51) 2,6-Dinitrotoluene	9.722	165	94604	38.961	ng	99
52) Acenaphthene	9.975	154	385911	39.158	ng	99
53) 3-Nitroaniline	9.892	138	107677	39.465	ng	100
54) 2,4-Dinitrophenol	9.998	184	52632	39.150	ng	99
55) Dibenzofuran	10.145	168	552721	39.094	ng	99
56) 4-Nitrophenol	10.045	139	76625	40.859	ng	99
57) 2,4-Dinitrotoluene	10.122	165	128287	39.415	ng	96
58) Fluorene	10.486	166	428642	37.931	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	109391	38.472	ng	96
60) Diethylphthalate	10.357	149	418791	38.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	204309	38.240	ng	99
62) 4-Nitroaniline	10.504	138	102557	39.625	ng	96
63) Azobenzene	10.639	77	369655	37.868	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	71910	38.409	ng	97
66) n-Nitrosodiphenylamine	10.598	169	370457	39.088	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	124684	38.429	ng	99
68) Hexachlorobenzene	11.033	284	141680	38.003	ng	96
69) Atrazine	11.122	200	112142	39.017	ng	98
70) Pentachlorophenol	11.227	266	80951	39.484	ng	99
71) Phenanthrene	11.451	178	600773	38.283	ng	100
72) Anthracene	11.504	178	625814	38.428	ng	100
73) Carbazole	11.657	167	559884	38.179	ng	100
74) Di-n-butylphthalate	11.980	149	631001	40.532	ng	100
75) Fluoranthene	12.639	202	626640	39.855	ng	100
77) Benzidine	12.763	184	299213	49.390	ng	100
78) Pyrene	12.868	202	621389	43.445	ng	99
80) Butylbenzylphthalate	13.486	149	184382	41.860	ng	99
81) Benzo(a)anthracene	14.057	228	456637	40.085	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	142055	39.011	ng	99
83) Chrysene	14.098	228	403804	37.423	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	202723	40.311	ng	98
85) Di-n-octyl phthalate	14.657	149	357683	36.570	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	466281	40.860	ng	99
88) Benzo(b)fluoranthene	15.121	252	390125	40.476	ng	100
89) Benzo(k)fluoranthene	15.151	252	354548	39.091	ng	100
90) Benzo(a)pyrene	15.504	252	355908	39.406	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	380245	41.392	ng	99
92) Benzo(g,h,i)perylene	17.539	276	384516	40.422	ng	100

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

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