

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064288.D
 Acq On : 5 Sep 2025 11:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 05 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	23315	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	102448	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	76744	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	182059	20.000	ng	# 0.00
76) Chrysene-d12	21.449	240	188757	20.000	ng	0.00
86) Perylene-d12	24.458	264	205510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	101707	78.264	ng	0.00
7) Phenol-d6	7.025	99	144395	80.878	ng	0.00
23) Nitrobenzene-d5	9.005	82	157179	85.565	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	91731	90.241	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	400964	79.747	ng	-0.01
79) Terphenyl-d14	19.840	244	742104	82.025	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	20165	37.228	ng	92
3) Pyridine	3.747	79	61178	38.369	ng	# 57
4) n-Nitrosodimethylamine	3.664	42	42110	39.929	ng	# 99
6) Aniline	7.178	93	93413	37.836	ng	97
8) 2-Chlorophenol	7.419	128	62807	39.551	ng	93
9) Benzaldehyde	6.990	77	59883	40.757	ng	96
10) Phenol	7.049	94	77703	39.476	ng	90
11) bis(2-Chloroethyl)ether	7.278	93	53751	36.340	ng	96
12) 1,3-Dichlorobenzene	7.742	146	65787	38.941	ng	97
13) 1,4-Dichlorobenzene	7.889	146	68902	40.412	ng	94
14) 1,2-Dichlorobenzene	8.206	146	66239	40.253	ng	96
15) Benzyl Alcohol	8.089	79	64730	39.288	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.371	45	111156	32.916	ng	98
17) 2-Methylphenol	8.294	107	53746	36.637	ng	96
18) Hexachloroethane	8.929	117	26146	39.285	ng	97
19) n-Nitroso-di-n-propyla...	8.653	70	51213	37.481	ng	97
20) 3+4-Methylphenols	8.623	107	76041	37.304	ng	95
22) Acetophenone	8.670	105	105266	40.615	ng	# 96
24) Nitrobenzene	9.046	77	77887	40.582	ng	99
25) Isophorone	9.569	82	149831	39.246	ng	99
26) 2-Nitrophenol	9.757	139	35827	43.201	ng	# 79
27) 2,4-Dimethylphenol	9.816	122	60647	41.653	ng	96
28) bis(2-Chloroethoxy)met...	10.051	93	80307	39.011	ng	98
29) 2,4-Dichlorophenol	10.292	162	65636	42.724	ng	96
30) 1,2,4-Trichlorobenzene	10.503	180	67338	41.571	ng	98
31) Naphthalene	10.691	128	211634	39.837	ng	97
32) Benzoic acid	9.957	122	44243	38.280	ng	84
33) 4-Chloroaniline	10.791	127	82366	40.003	ng	98
34) Hexachlorobutadiene	10.979	225	53178	44.412	ng	93
35) Caprolactam	11.567	113	24866	41.802	ng	# 92
36) 4-Chloro-3-methylphenol	11.925	107	82870	41.575	ng	98
37) 2-Methylnaphthalene	12.301	142	161292	40.846	ng	98
38) 1-Methylnaphthalene	12.519	142	156983	40.249	ng	99
40) 1,2,4,5-Tetrachloroben...	12.672	216	90183	40.727	ng	98
41) Hexachlorocyclopentadiene	12.654	237	49276	46.823	ng	94
43) 2,4,6-Trichlorophenol	12.907	196	61803	41.758	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	67259	41.894	ng	94
46) 1,1'-Biphenyl	13.312	154	218355	39.064	ng	99
47) 2-Chloronaphthalene	13.353	162	164226	39.081	ng	97
48) 2-Nitroaniline	13.553	65	61761	43.121	ng	96
49) Acenaphthylene	14.199	152	243393	39.182	ng	99
50) Dimethylphthalate	13.935	163	225259	38.778	ng	99
51) 2,6-Dinitrotoluene	14.052	165	46615	41.452	ng	89
52) Acenaphthene	14.540	154	168200	38.369	ng	99
53) 3-Nitroaniline	14.375	138	49866	42.332	ng	95
54) 2,4-Dinitrophenol	14.587	184	29134	42.503	ng	91
55) Dibenzofuran	14.875	168	269766	39.123	ng	97
56) 4-Nitrophenol	14.693	139	38356	39.694	ng	90
57) 2,4-Dinitrotoluene	14.840	165	72510	42.644	ng #	97
58) Fluorene	15.527	166	226450	40.068	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.104	232	66528	43.084	ng	97
60) Diethylphthalate	15.304	149	245529	39.495	ng	97
61) 4-Chlorophenyl-phenyle...	15.521	204	117062	41.544	ng	97
62) 4-Nitroaniline	15.545	138	53182	44.244	ng	93
63) Azobenzene	15.815	77	213097	38.459	ng	93
65) 4,6-Dinitro-2-methylph...	15.603	198	45874	43.888	ng	97
66) n-Nitrosodiphenylamine	15.733	169	195041	38.944	ng	99
67) 4-Bromophenyl-phenylether	16.414	248	80914	41.844	ng	97
68) Hexachlorobenzene	16.532	284	88080	41.018	ng	93
69) Atrazine	16.684	200	87504	41.844	ng	98
70) Pentachlorophenol	16.872	266	57612	44.248	ng	92
71) Phenanthrene	17.260	178	376195	39.177	ng	99
72) Anthracene	17.354	178	383712	39.284	ng	99
73) Carbazole	17.619	167	340339	39.552	ng	98
74) Di-n-butylphthalate	18.189	149	418307	40.463	ng	98
75) Fluoranthene	19.270	202	450044	39.860	ng	98
77) Benzidine	19.452	184	160769	40.488	ng	97
78) Pyrene	19.634	202	468506	39.397	ng	99
80) Butylbenzylphthalate	20.527	149	185080	41.263	ng	96
81) Benzo(a)anthracene	21.432	228	474932	39.329	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	160010	40.686	ng	98
83) Chrysene	21.496	228	451827	38.973	ng	99
84) Bis(2-ethylhexyl)phtha...	21.361	149	266018	39.503	ng	98
85) Di-n-octyl phthalate	22.495	149	461895	39.365	ng	97
87) Indeno(1,2,3-cd)pyrene	27.848	276	564586	40.228	ng #	95
88) Benzo(b)fluoranthene	23.512	252	470148	40.534	ng	99
89) Benzo(k)fluoranthene	23.576	252	473118	40.039	ng #	96
90) Benzo(a)pyrene	24.317	252	439881	40.770	ng	97
91) Dibenzo(a,h)anthracene	27.907	278	456313	40.495	ng	97
92) Benzo(g,h,i)perylene	28.905	276	440848	40.205	ng #	94

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

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