

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064299.D
 Acq On : 5 Sep 2025 19:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc : MDL-WATER 8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

Quant Time: Sep 05 23:02:28 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	7.853	152	25105	20.000	ng	0.00
21) Naphthalene-d8	10.638	136	109878	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	79345	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	195342	20.000	ng	# 0.00
76) Chrysene-d12	21.449	240	208065	20.000	ng	# 0.00
86) Perylene-d12	24.457	264	228494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	102504	73.253	ng	0.00
7) Phenol-d6	7.025	99	145365	75.616	ng	0.00
23) Nitrobenzene-d5	9.005	82	156664	79.517	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	96057	91.399	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	409223	78.722	ng	-0.01
79) Terphenyl-d14	19.839	244	806266	80.847	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	20528	35.196	ng	91
3) Pyridine	3.746	79	60849	35.442	ng	# 63
4) n-Nitrosodimethylamine	3.658	42	42866	37.747	ng	# 99
6) Aniline	7.178	93	95390	35.882	ng	98
8) 2-Chlorophenol	7.418	128	63638	37.217	ng	98
9) Benzaldehyde	6.995	77	59164	37.397	ng	97
10) Phenol	7.048	94	79484	37.501	ng	88
11) bis(2-Chloroethyl)ether	7.277	93	56279	35.336	ng	96
12) 1,3-Dichlorobenzene	7.742	146	68987	37.923	ng	96
13) 1,4-Dichlorobenzene	7.888	146	70517	38.410	ng	94
14) 1,2-Dichlorobenzene	8.206	146	67934	38.340	ng	90
15) Benzyl Alcohol	8.088	79	65857	37.122	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.370	45	109681	30.163	ng	97
17) 2-Methylphenol	8.294	107	53844	34.087	ng	96
18) Hexachloroethane	8.934	117	26827	37.434	ng	93
19) n-Nitroso-di-n-propyla...	8.652	70	51486	34.994	ng	# 92
20) 3+4-Methylphenols	8.617	107	76567	34.884	ng	95
22) Acetophenone	8.664	105	105392	37.913	ng	98
24) Nitrobenzene	9.046	77	78116	37.949	ng	99
25) Isophorone	9.569	82	150506	36.757	ng	97
26) 2-Nitrophenol	9.751	139	38055	42.785	ng	# 84
27) 2,4-Dimethylphenol	9.816	122	63057	40.380	ng	99
28) bis(2-Chloroethoxy)met...	10.051	93	77295	35.009	ng	95
29) 2,4-Dichlorophenol	10.292	162	67379	40.893	ng	97
30) 1,2,4-Trichlorobenzene	10.503	180	70694	40.692	ng	99
31) Naphthalene	10.691	128	218027	38.265	ng	97
32) Benzoic acid	9.968	122	44959	36.269	ng	94
33) 4-Chloroaniline	10.791	127	85681	38.799	ng	97
34) Hexachlorobutadiene	10.979	225	56832	44.254	ng	94
35) Caprolactam	11.572	113	24790	38.856	ng	# 83
36) 4-Chloro-3-methylphenol	11.925	107	80893	37.839	ng	98
37) 2-Methylnaphthalene	12.301	142	166001	39.196	ng	95
38) 1-Methylnaphthalene	12.518	142	157804m	37.723	ng	
40) 1,2,4,5-Tetrachloroben...	12.671	216	96873	42.315	ng	99
41) Hexachlorocyclopentadiene	12.653	237	52640	48.380	ng	89
43) 2,4,6-Trichlorophenol	12.906	196	60959	39.838	ng	99

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44) 2,4,5-Trichlorophenol	12.982	196	69194	41.686	ng	93
46) 1,1'-Biphenyl	13.312	154	222286	38.464	ng	98
47) 2-Chloronaphthalene	13.353	162	165546	38.103	ng	95
48) 2-Nitroaniline	13.552	65	61929	41.821	ng	92
49) Acenaphthylene	14.199	152	253393	39.454	ng	99
50) Dimethylphthalate	13.934	163	232395	38.695	ng	99
51) 2,6-Dinitrotoluene	14.052	165	49952	42.963	ng	94
52) Acenaphthene	14.539	154	172676	38.099	ng	99
53) 3-Nitroaniline	14.381	138	48383	39.727	ng	95
54) 2,4-Dinitrophenol	14.581	184	31072	43.666	ng #	81
55) Dibenzofuran	14.874	168	276680	38.810	ng	97
56) 4-Nitrophenol	14.692	139	39074	39.112	ng #	77
57) 2,4-Dinitrotoluene	14.839	165	75899	43.174	ng #	93
58) Fluorene	15.527	166	230010	39.364	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.104	232	68042	42.620	ng	98
60) Diethylphthalate	15.303	149	255041	39.680	ng	98
61) 4-Chlorophenyl-phenyle...	15.521	204	119377	40.977	ng	99
62) 4-Nitroaniline	15.544	138	53448	43.008	ng	89
63) Azobenzene	15.814	77	215372	37.595	ng	96
65) 4,6-Dinitro-2-methylph...	15.603	198	51203	45.655	ng	94
66) n-Nitrosodiphenylamine	15.732	169	202793	37.738	ng	97
67) 4-Bromophenyl-phenylether	16.414	248	84409	40.683	ng	98
68) Hexachlorobenzene	16.531	284	93992	40.795	ng	96
69) Atrazine	16.684	200	93881	41.841	ng	96
70) Pentachlorophenol	16.872	266	60732	43.473	ng	93
71) Phenanthrene	17.260	178	390779	37.929	ng	98
72) Anthracene	17.348	178	403953	38.544	ng	99
73) Carbazole	17.618	167	359275	38.914	ng	99
74) Di-n-butylphthalate	18.188	149	435373	39.250	ng	99
75) Fluoranthene	19.269	202	474048	39.131	ng	97
77) Benzidine	19.451	184	173222	39.576	ng	97
78) Pyrene	19.634	202	504016	38.450	ng	99
80) Butylbenzylphthalate	20.532	149	194339	39.307	ng	91
81) Benzo(a)anthracene	21.431	228	516865	38.830	ng	98
82) 3,3'-Dichlorobenzidine	21.355	252	172423	39.773	ng	100
83) Chrysene	21.496	228	484544	37.917	ng	99
84) Bis(2-ethylhexyl)phtha...	21.355	149	281479	37.920	ng	99
85) Di-n-octyl phthalate	22.495	149	486343	37.603	ng	98
87) Indeno(1,2,3-cd)pyrene	27.847	276	618400	39.630	ng #	95
88) Benzo(b)fluoranthene	23.511	252	510196	39.563	ng	98
89) Benzo(k)fluoranthene	23.576	252	510945	38.891	ng #	96
90) Benzo(a)pyrene	24.316	252	475263	39.618	ng #	98
91) Dibenzo(a,h)anthracene	27.906	278	504195	40.243	ng	98
92) Benzo(g,h,i)perylene	28.911	276	481664	39.509	ng #	94

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

