

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064423.D
 Acq On : 22 Sep 2025 20:21
 Operator : RC/JU
 Sample : Q3133-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-238MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/23/2025
 Supervised By :Jagrut Upadhyay 09/23/2025

Quant Time: Sep 23 01:52:18 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	7.838	152	18545	20.000	ng	-0.02
21) Naphthalene-d8	10.629	136	77973	20.000	ng	#-0.02
39) Acenaphthene-d10	14.466	164	58753	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	142201	20.000	ng	#-0.02
76) Chrysene-d12	21.434	240	154879	20.000	ng	#-0.02
86) Perylene-d12	24.430	264	170575	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	160043	154.830	ng	0.00
7) Phenol-d6	7.021	99	207532	146.141	ng	0.00
23) Nitrobenzene-d5	8.996	82	162657	116.341	ng	-0.02
42) 2,4,6-Tribromophenol	15.958	330	171366	220.205	ng	-0.02
45) 2-Fluorobiphenyl	13.091	172	445478	115.731	ng	-0.02
79) Terphenyl-d14	19.824	244	905293	121.951	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	14678	34.068	ng	# 54
3) Pyridine	3.749	79	39272	30.966	ng	# 63
4) n-Nitrosodimethylamine	3.655	42	42644	50.835	ng	# 88
6) Aniline	7.168	93	52406	26.686	ng	98
8) 2-Chlorophenol	7.409	128	64498	51.062	ng	97
9) Benzaldehyde	6.980	77	32353	27.684	ng	99
10) Phenol	7.045	94	69947	44.676	ng	80
11) bis(2-Chloroethyl)ether	7.262	93	46445	39.477	ng	96
12) 1,3-Dichlorobenzene	7.732	146	63968	47.603	ng	98
13) 1,4-Dichlorobenzene	7.873	146	66232	48.837	ng	90
14) 1,2-Dichlorobenzene	8.191	146	65348	49.926	ng	95
15) Benzyl Alcohol	8.079	79	68639	52.377	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.373	45	83871	31.224	ng	98
17) 2-Methylphenol	8.285	107	55111	47.230	ng	95
18) Hexachloroethane	8.919	117	24012	45.358	ng	# 73
19) n-Nitroso-di-n-propyla...	8.649	70	48179	44.329	ng	99
20) 3+4-Methylphenols	8.614	107	77736	47.945	ng	93
22) Acetophenone	8.661	105	112672	57.117	ng	# 95
24) Nitrobenzene	9.037	77	75186	51.471	ng	98
25) Isophorone	9.560	82	143066	49.236	ng	99
26) 2-Nitrophenol	9.742	139	35629	56.448	ng	# 84
27) 2,4-Dimethylphenol	9.806	122	69613	62.818	ng	99
28) bis(2-Chloroethoxy)met...	10.041	93	74332	47.442	ng	98
29) 2,4-Dichlorophenol	10.282	162	72448	61.961	ng	97
30) 1,2,4-Trichlorobenzene	10.494	180	69609	56.462	ng	98
31) Naphthalene	10.676	128	203460	50.320	ng	99
32) Benzoic acid	10.006	122	72861	82.829	ng	98
33) 4-Chloroaniline	10.788	127	14637	9.340	ng	# 90
34) Hexachlorobutadiene	10.964	225	55690	61.109	ng	94
35) Caprolactam	11.569	113	20693m	45.706	ng	
36) 4-Chloro-3-methylphenol	11.922	107	87856	57.912	ng	97
37) 2-Methylnaphthalene	12.286	142	148735	49.489	ng	93
38) 1-Methylnaphthalene	12.509	142	155081	52.242	ng	98
40) 1,2,4,5-Tetrachloroben...	12.662	216	111347	65.683	ng	99
41) Hexachlorocyclopentadiene	12.644	237	127984	158.853	ng	94
43) 2,4,6-Trichlorophenol	12.897	196	65956	58.211	ng	91

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44) 2,4,5-Trichlorophenol	12.973	196	75832	61.697	ng	96
46) 1,1'-Biphenyl	13.302	154	256107	59.848	ng	97
47) 2-Chloronaphthalene	13.338	162	170068	52.864	ng	98
48) 2-Nitroaniline	13.543	65	64267	58.610	ng	92
49) Acenaphthylene	14.190	152	296924	62.436	ng	99
50) Dimethylphthalate	13.931	163	248666	55.916	ng	99
51) 2,6-Dinitrotoluene	14.043	165	55877	64.903	ng	97
52) Acenaphthene	14.530	154	171144	50.995	ng	96
53) 3-Nitroaniline	14.372	138	21486	23.825	ng	97
54) 2,4-Dinitrophenol	14.583	184	72862	126.035	ng	# 82
55) Dibenzofuran	14.865	168	295101	55.902	ng	99
56) 4-Nitrophenol	14.695	139	79822	107.902	ng	# 85
57) 2,4-Dinitrotoluene	14.836	165	79938	61.409	ng	99
58) Fluorene	15.517	166	252313	58.315	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	76886	65.039	ng	# 99
60) Diethylphthalate	15.288	149	266262	55.945	ng	100
61) 4-Chlorophenyl-phenyle...	15.512	204	130266	60.386	ng	98
62) 4-Nitroaniline	15.535	138	51965	56.470	ng	# 86
63) Azobenzene	15.805	77	226613	53.422	ng	95
65) 4,6-Dinitro-2-methylph...	15.600	198	54217	66.408	ng	88
66) n-Nitrosodiphenylamine	15.723	169	218474	55.850	ng	98
67) 4-Bromophenyl-phenylether	16.405	248	92242	61.073	ng	94
68) Hexachlorobenzene	16.522	284	103331	61.608	ng	91
69) Atrazine	16.675	200	99037	60.634	ng	95
70) Pentachlorophenol	16.863	266	136826	134.543	ng	92
71) Phenanthrene	17.251	178	416477	55.529	ng	98
72) Anthracene	17.339	178	430185	56.386	ng	99
73) Carbazole	17.609	167	380102	56.555	ng	98
74) Di-n-butylphthalate	18.173	149	463552	57.408	ng	# 98
75) Fluoranthene	19.260	202	513695	58.250	ng	95
77) Benzidine	19.442	184	118256	36.296	ng	96
78) Pyrene	19.618	202	524732	53.777	ng	99
80) Butylbenzylphthalate	20.517	149	205141	55.740	ng	94
81) Benzo(a)anthracene	21.416	228	548696	55.376	ng	98
82) 3,3'-Dichlorobenzidine	21.340	252	81549	25.271	ng	94
83) Chrysene	21.481	228	510784	53.696	ng	100
84) Bis(2-ethylhexyl)phtha...	21.340	149	295940	53.560	ng	98
85) Di-n-octyl phthalate	22.474	149	501675	52.108	ng	97
87) Indeno(1,2,3-cd)pyrene	27.826	276	655089	56.237	ng	99
88) Benzo(b)fluoranthene	23.496	252	533862	55.454	ng	# 95
89) Benzo(k)fluoranthene	23.555	252	550421	56.121	ng	# 96
90) Benzo(a)pyrene	24.295	252	522408	58.335	ng	# 97
91) Dibenzo(a,h)anthracene	27.874	278	539205	57.651	ng	# 95
92) Benzo(g,h,i)perylene	28.878	276	527184	57.926	ng	# 94

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

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