

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064704.D
 Acq On : 6 Nov 2025 15:47
 Operator : RC/JU
 Sample : Q3544-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ONYX-1MS

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

11/07/2025

Supervised By :Jagrut

Upadhyay

11/10/2025

Quant Time: Nov 06 16:26:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	30345	20.000	ng	-0.03
21) Naphthalene-d8	11.023	136	124308	20.000	ng	#-0.03
39) Acenaphthene-d10	14.824	164	99399	20.000	ng	-0.02
64) Phenanthrene-d10	17.557	188	239303	20.000	ng	-0.03
76) Chrysene-d12	21.834	240	289321	20.000	ng	#-0.03
86) Perylene-d12	25.154	264	319171	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	217851	120.501	ng	-0.01
7) Phenol-d6	7.345	99	305168	123.013	ng	0.00
23) Nitrobenzene-d5	9.366	82	194798	94.122	ng	-0.02
42) 2,4,6-Tribromophenol	16.305	330	226407	157.816	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	482137	73.522	ng	-0.02
79) Terphenyl-d14	20.148	244	1059378	69.101	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	29181	36.458	ng	97
3) Pyridine	3.978	79	80560	33.516	ng	99
4) n-Nitrosodimethylamine	3.884	42	52268	40.550	ng	100
6) Aniline	7.515	93	76167	22.563	ng	97
8) 2-Chlorophenol	7.762	128	97069	51.297	ng	94
9) Benzaldehyde	7.321	77	57389	42.374	ng	98
10) Phenol	7.368	94	129637	47.252	ng	93
11) bis(2-Chloroethyl)ether	7.604	93	84304	41.795	ng	94
12) 1,3-Dichlorobenzene	8.091	146	109769	50.400	ng	98
13) 1,4-Dichlorobenzene	8.238	146	108239	48.876	ng	96
14) 1,2-Dichlorobenzene	8.561	146	107801	50.468	ng	97
15) Benzyl Alcohol	8.432	79	95208	46.541	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.732	45	214306	40.504	ng	97
17) 2-Methylphenol	8.632	107	89346	49.050	ng	98
18) Hexachloroethane	9.302	117	40004	51.476	ng	# 82
19) n-Nitroso-di-n-propyla...	9.008	70	77139	44.993	ng	99
20) 3+4-Methylphenols	8.961	107	121135	47.287	ng	98
22) Acetophenone	9.025	105	157770	46.429	ng	95
24) Nitrobenzene	9.407	77	117709	52.290	ng	96
25) Isophorone	9.936	82	220362	44.372	ng	98
26) 2-Nitrophenol	10.124	139	54218	61.483	ng	# 91
27) 2,4-Dimethylphenol	10.177	122	99136	53.666	ng	97
28) bis(2-Chloroethoxy)met...	10.412	93	123325	43.615	ng	97
29) 2,4-Dichlorophenol	10.665	162	109449	55.054	ng	95
30) 1,2,4-Trichlorobenzene	10.888	180	124810	55.255	ng	99
31) Naphthalene	11.076	128	322120	46.738	ng	99
32) Benzoic acid	10.300	122	78875m	54.795	ng	
33) 4-Chloroaniline	11.170	127	39669	14.808	ng	98
34) Hexachlorobutadiene	11.364	225	98858	55.962	ng	96
35) Caprolactam	11.940	113	31645m	41.502	ng	
36) 4-Chloro-3-methylphenol	12.280	107	118964	49.783	ng	93
37) 2-Methylnaphthalene	12.668	142	219290	43.337	ng	97
38) 1-Methylnaphthalene	12.886	142	225766	45.070	ng	95
40) 1,2,4,5-Tetrachloroben...	13.032	216	179610	53.841	ng	99
41) Hexachlorocyclopentadiene	13.015	237	236384	157.431	ng	97
43) 2,4,6-Trichlorophenol	13.262	196	111530	58.449	ng	98

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44) 2,4,5-Trichlorophenol	13.332	196	121790	55.308	ng	95
46) 1,1'-Biphenyl	13.661	154	339568	48.053	ng	95
47) 2-Chloronaphthalene	13.708	162	257371	48.250	ng	98
48) 2-Nitroaniline	13.896	65	89482	49.838	ng	98
49) Acenaphthylene	14.548	152	457048	54.323	ng	99
50) Dimethylphthalate	14.272	163	362029	47.598	ng	100
51) 2,6-Dinitrotoluene	14.384	165	73532	57.887	ng	92
52) Acenaphthene	14.889	154	305899	53.216	ng	98
53) 3-Nitroaniline	14.713	138	37789	28.910	ng	# 96
54) 2,4-Dinitrophenol	14.913	184	85107	108.389	ng	# 44
55) Dibenzofuran	15.218	168	444241	47.803	ng	98
56) 4-Nitrophenol	15.007	139	118342	97.650	ng	91
57) 2,4-Dinitrotoluene	15.165	165	107768	55.059	ng	# 97
58) Fluorene	15.864	166	351995	48.500	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.441	232	129241	61.378	ng	97
60) Diethylphthalate	15.624	149	354863	45.694	ng	99
61) 4-Chlorophenyl-phenyle...	15.853	204	208887	51.286	ng	96
62) 4-Nitroaniline	15.870	138	74268	51.071	ng	89
63) Azobenzene	16.146	77	327950	46.024	ng	96
65) 4,6-Dinitro-2-methylph...	15.929	198	68601	63.209	ng	97
66) n-Nitrosodiphenylamine	16.064	169	318817	49.320	ng	100
67) 4-Bromophenyl-phenylether	16.746	248	153688	54.195	ng	96
68) Hexachlorobenzene	16.869	284	178391	55.140	ng	94
69) Atrazine	17.004	200	146185	52.551	ng	96
70) Pentachlorophenol	17.210	266	189266	93.815	ng	94
71) Phenanthrene	17.604	178	629774	48.124	ng	99
72) Anthracene	17.692	178	645939	48.523	ng	100
73) Carbazole	17.956	167	548994	46.768	ng	99
74) Di-n-butylphthalate	18.508	149	628056	46.268	ng	99
75) Fluoranthene	19.595	202	797011	48.616	ng	98
77) Benzidine	19.766	184	256794	39.617	ng	99
78) Pyrene	19.960	202	824631	43.625	ng	99
80) Butylbenzylphthalate	20.829	149	280734	49.139	ng	93
81) Benzo(a)anthracene	21.810	228	924071	48.170	ng	99
82) 3,3'-Dichlorobenzidine	21.716	252	150922	23.559	ng	95
83) Chrysene	21.881	228	874491	47.908	ng	99
84) Bis(2-ethylhexyl)phtha...	21.711	149	413236	48.407	ng	# 99
85) Di-n-octyl phthalate	22.962	149	705004	48.983	ng	96
87) Indeno(1,2,3-cd)pyrene	28.973	276	1178486	50.193	ng	# 97
88) Benzo(b)fluoranthene	24.096	252	934268	47.736	ng	# 98
89) Benzo(k)fluoranthene	24.166	252	971098	49.584	ng	# 98
90) Benzo(a)pyrene	25.001	252	912201	50.705	ng	99
91) Dibenzo(a,h)anthracene	29.037	278	969796	50.841	ng	97
92) Benzo(g,h,i)perylene	30.165	276	932266	51.161	ng	# 96

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

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11/10/2025

Abundance TIC: BG064704.D\data.ms