

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064527.D
 Acq On : 16 Oct 2025 22:24
 Operator : RC/JU
 Sample : Q3343-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MS

Quant Time: Oct 17 10:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	15277	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	58903	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	43572	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	108558	20.000	ng	0.00
76) Chrysene-d12	21.413	240	130641	20.000	ng	0.00
86) Perylene-d12	24.392	264	144766	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	103760	125.697	ng	0.00
7) Phenol-d6	6.995	99	125552	113.180	ng	0.00
23) Nitrobenzene-d5	8.975	82	98714	90.112	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	113128	143.236	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	264648	89.528	ng	0.00
79) Terphenyl-d14	19.809	244	590318	85.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.329	88	9698	29.702	ng	# 47
3) Pyridine	3.722	79	24908	28.385	ng	96
4) n-Nitrosodimethylamine	3.628	42	25853	40.640	ng	97
6) Aniline	7.148	93	29102	20.798	ng	96
8) 2-Chlorophenol	7.389	128	42165	41.597	ng	96
9) Benzaldehyde	6.960	77	16122	16.372	ng	94
10) Phenol	7.024	94	43490	37.164	ng	95
11) bis(2-Chloroethyl)ether	7.242	93	30826	38.897	ng	98
12) 1,3-Dichlorobenzene	7.706	146	43801	39.501	ng	99
13) 1,4-Dichlorobenzene	7.853	146	45553	40.933	ng	89
14) 1,2-Dichlorobenzene	8.170	146	43263	39.444	ng	98
15) Benzyl Alcohol	8.058	79	42481	41.583	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.346	45	46723	36.576	ng	96
17) 2-Methylphenol	8.264	107	35133	41.461	ng	97
18) Hexachloroethane	8.893	117	15938	36.283	ng	92
19) n-Nitroso-di-n-propyla...	8.622	70	30438	41.028	ng	100
20) 3+4-Methylphenols	8.593	107	48277	40.826	ng	92
22) Acetophenone	8.634	105	70118	49.164	ng	99
24) Nitrobenzene	9.010	77	48519	44.415	ng	97
25) Isophorone	9.539	82	87423	44.052	ng	98
26) 2-Nitrophenol	9.721	139	24625	45.292	ng	94
27) 2,4-Dimethylphenol	9.792	122	42053	50.641	ng	94
28) bis(2-Chloroethoxy)met...	10.021	93	44988	44.473	ng	97
29) 2,4-Dichlorophenol	10.262	162	44936	46.795	ng	96
30) 1,2,4-Trichlorobenzene	10.473	180	48980	46.779	ng	97
31) Naphthalene	10.655	128	133409	43.983	ng	99
32) Benzoic acid	9.921	122	15301m	23.999	ng	
33) 4-Chloroaniline	10.773	127	8376	7.196	ng	# 89
34) Hexachlorobutadiene	10.943	225	38365	42.785	ng	95
35) Caprolactam	11.531	113	13142m	39.976	ng	
36) 4-Chloro-3-methylphenol	11.901	107	52886	45.287	ng	99
37) 2-Methylnaphthalene	12.265	142	94133	40.429	ng	95
38) 1-Methylnaphthalene	12.488	142	98240m	42.314	ng	
40) 1,2,4,5-Tetrachloroben...	12.635	216	74613	53.035	ng	98
41) Hexachlorocyclopentadiene	12.618	237	82156	111.637	ng	94
43) 2,4,6-Trichlorophenol	12.882	196	44653	49.650	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	48028	47.834	ng	94
46) 1,1'-Biphenyl	13.282	154	160896	51.341	ng	98
47) 2-Chloronaphthalene	13.323	162	107565	45.972	ng	94
48) 2-Nitroaniline	13.523	65	37191	46.572	ng	94
49) Acenaphthylene	14.169	152	183627	52.868	ng	98
50) Dimethylphthalate	13.904	163	153493	44.979	ng	99
51) 2,6-Dinitrotoluene	14.022	165	34356	48.329	ng	90
52) Acenaphthene	14.510	154	108426	44.932	ng	98
53) 3-Nitroaniline	14.351	138	13432	20.488	ng #	95
54) 2,4-Dinitrophenol	14.563	184	29249	56.742	ng #	82
55) Dibenzofuran	14.845	168	187822	47.140	ng	98
56) 4-Nitrophenol	14.674	139	47719	92.448	ng	85
57) 2,4-Dinitrotoluene	14.815	165	53852	49.555	ng	99
58) Fluorene	15.491	166	158683	47.906	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.074	232	53751m	52.456	ng	
60) Diethylphthalate	15.273	149	164520	44.940	ng #	96
61) 4-Chlorophenyl-phenyle...	15.491	204	83978	46.438	ng	94
62) 4-Nitroaniline	15.520	138	33746	49.386	ng #	79
63) Azobenzene	15.785	77	132029	46.568	ng	97
65) 4,6-Dinitro-2-methylph...	15.579	198	29028	38.404	ng	98
66) n-Nitrosodiphenylamine	15.702	169	134887	46.530	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	61433	48.089	ng	84
68) Hexachlorobenzene	16.496	284	71610	48.988	ng	97
69) Atrazine	16.654	200	64376	49.914	ng	95
70) Pentachlorophenol	16.842	266	83602	97.814	ng	96
71) Phenanthrene	17.230	178	268154	47.234	ng	100
72) Anthracene	17.318	178	274614	48.218	ng	100
73) Carbazole	17.588	167	252029	51.196	ng	99
74) Di-n-butylphthalate	18.152	149	297010	49.423	ng	99
75) Fluoranthene	19.239	202	348099	51.326	ng	98
77) Benzidine	19.427	184	31673	9.743	ng #	93
78) Pyrene	19.604	202	366725	43.255	ng	99
80) Butylbenzylphthalate	20.497	149	141970	47.238	ng	98
81) Benzo(a)anthracene	21.396	228	393455	47.168	ng	100
82) 3,3'-Dichlorobenzidine	21.319	252	62990	22.311	ng #	95
83) Chrysene	21.460	228	370958	46.893	ng	98
84) Bis(2-ethylhexyl)phtha...	21.319	149	207529	48.940	ng #	95
85) Di-n-octyl phthalate	22.442	149	351670	49.344	ng	99
87) Indeno(1,2,3-cd)pyrene	27.753	276	487622	48.391	ng #	92
88) Benzo(b)fluoranthene	23.458	252	408762m	49.633	ng	
89) Benzo(k)fluoranthene	23.523	252	401442	48.397	ng	98
90) Benzo(a)pyrene	24.257	252	381809	50.302	ng	97
91) Dibenzo(a,h)anthracene	27.806	278	403853	50.116	ng #	97
92) Benzo(g,h,i)perylene	28.799	276	395429	50.495	ng	98

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

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