

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064814.D
 Acq On : 19 Nov 2025 13:51
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 14:49:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 11/20/2025
 Supervised By :Sohil
 Jodhani
 11/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	44908	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	183576	20.000	ng	0.00
39) Acenaphthene-d10	14.771	164	154418	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	382376	20.000	ng	0.00
76) Chrysene-d12	21.751	240	455187	20.000	ng	0.00
86) Perylene-d12	25.012	264	443456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	283320	110.167	ng	0.00
7) Phenol-d6	7.303	99	394538	115.345	ng	0.00
23) Nitrobenzene-d5	9.324	82	289814	78.056	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	334377	111.029	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	844356	76.297	ng	0.00
79) Terphenyl-d14	20.088	244	1990533	86.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	4269	4.288	ng	90
3) Pyridine	3.948	79	11197	3.775	ng	89
6) Aniline	7.474	93	19968	4.380	ng	91
8) 2-Chlorophenol	7.720	128	12698	4.497	ng	98
10) Phenol	7.327	94	15111	4.060	ng	86
11) bis(2-Chloroethyl)ether	7.568	93	11378	4.296	ng	97
12) 1,3-Dichlorobenzene	8.049	146	14240m	4.382	ng	
13) 1,4-Dichlorobenzene	8.196	146	14252	4.307	ng	93
14) 1,2-Dichlorobenzene	8.520	146	13431	4.187	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.684	45	24499	3.908	ng	97
17) 2-Methylphenol	8.590	107	10519	3.995	ng	95
18) Hexachloroethane	9.266	117	4954	3.953	ng	96
19) n-Nitroso-di-n-propyla...	8.960	70	9987	4.318	ng	# 80
22) Acetophenone	8.978	105	20732	4.145	ng	# 98
24) Nitrobenzene	9.360	77	14701	3.919	ng	99
25) Isophorone	9.889	82	28036	3.965	ng	96
26) 2-Nitrophenol	10.077	139	6131	3.633	ng	# 88
27) 2,4-Dimethylphenol	10.135	122	11172	3.727	ng	90
28) bis(2-Chloroethoxy)met...	10.364	93	16181	4.169	ng	# 93
29) 2,4-Dichlorophenol	10.623	162	12061	3.747	ng	94
30) 1,2,4-Trichlorobenzene	10.840	180	15891	4.089	ng	93
31) Naphthalene	11.028	128	42718	4.105	ng	# 93
33) 4-Chloroaniline	11.128	127	15949	3.831	ng	# 94
34) Hexachlorobutadiene	11.316	225	13187	3.955	ng	91
36) 4-Chloro-3-methylphenol	12.233	107	13529	3.777	ng	95
37) 2-Methylnaphthalene	12.621	142	29109	3.738	ng	96
38) 1-Methylnaphthalene	12.838	142	31382	4.057	ng	# 90
40) 1,2,4,5-Tetrachloroben...	12.985	216	24887	4.141	ng	96
43) 2,4,6-Trichlorophenol	13.220	196	13126m	3.722	ng	
44) 2,4,5-Trichlorophenol	13.290	196	12308	3.111	ng	97
46) 1,1'-Biphenyl	13.614	154	45325	4.087	ng	91
47) 2-Chloronaphthalene	13.661	162	35277	4.037	ng	98
48) 2-Nitroaniline	13.849	65	10545	3.752	ng	95
49) Acenaphthylene	14.495	152	57608	3.859	ng	97
50) Dimethylphthalate	14.219	163	49895	4.090	ng	98
51) 2,6-Dinitrotoluene	14.330	165	9155	3.900	ng	91

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52) Acenaphthene	14.836	154	35446	3.960	ng		91
53) 3-Nitroaniline	14.665	138	8547	3.689	ng	#	79
55) Dibenzofuran	15.165	168	60236	4.071	ng		91
57) 2,4-Dinitrotoluene	15.112	165	13044	3.707	ng		98
58) Fluorene	15.811	166	48056	4.141	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.388	232	14882	3.813	ng	#	97
60) Diethylphthalate	15.564	149	47564	4.070	ng		98
61) 4-Chlorophenyl-phenyle...	15.799	204	28956	4.157	ng		92
62) 4-Nitroaniline	15.811	138	8383	3.493	ng	#	81
63) Azobenzene	16.087	77	40338	4.150	ng		96
66) n-Nitrosodiphenylamine	16.005	169	42856	4.279	ng		95
67) 4-Bromophenyl-phenylether	16.686	248	21397	4.261	ng		97
68) Hexachlorobenzene	16.816	284	24023	3.949	ng		95
69) Atrazine	16.945	200	18244	3.778	ng		97
71) Phenanthrene	17.544	178	89099	4.259	ng		100
72) Anthracene	17.632	178	89101	4.177	ng		98
73) Carbazole	17.897	167	74815	4.080	ng		99
74) Di-n-butylphthalate	18.449	149	87199	4.262	ng		97
75) Fluoranthene	19.536	202	115169	4.026	ng		100
78) Pyrene	19.894	202	119251	4.674	ng		95
80) Butylbenzylphthalate	20.764	149	41077	4.578	ng		95
81) Benzo(a)anthracene	21.728	228	126137	4.075	ng		99
83) Chrysene	21.798	228	120750	4.138	ng		94
84) Bis(2-ethylhexyl)phtha...	21.628	149	58415	4.455	ng		97
87) Indeno(1,2,3-cd)pyrene	28.725	276	120987	3.971	ng	#	98
88) Benzo(b)fluoranthene	23.972	252	110610	3.919	ng	#	95
89) Benzo(k)fluoranthene	24.037	252	112854	3.980	ng	#	96
90) Benzo(a)pyrene	24.853	252	109047	4.166	ng	#	96
91) Dibenzo(a,h)anthracene	28.796	278	99607	3.991	ng		98
92) Benzo(g,h,i)perylene	29.883	276	95174	3.962	ng	#	96

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

Manual Integrations

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