

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025115.D
 Acq On : 14 Jul 2025 11:25
 Operator : CG/JU
 Sample : Q2126-03
 Misc : MDL-MDL-SOIL-8 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Quant Time: Jul 14 12:33:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
 Supervised By :Jagrut Upadhyay 07/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	454827	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1919448	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1308166	20.000	ng	-0.01
64) Phenanthrene-d10	16.890	188	2731732	20.000	ng	-0.02
76) Chrysene-d12	21.336	240	3007225	20.000	ng	0.00
86) Perylene-d12	24.460	264	3225041	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2998001	116.792	ng	0.00
7) Phenol-d6	6.625	99	3876842	115.732	ng	0.00
23) Nitrobenzene-d5	8.566	82	2506354	86.840	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2150027	139.126	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	6960376	82.427	ng	-0.01
79) Terphenyl-d14	19.672	244	11974433	87.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	73741	7.388	ng	97
3) Pyridine	3.496	79	190539	6.972	ng	98
4) n-Nitrosodimethylamine	3.408	42	81455	7.040	ng	# 96
6) Aniline	6.784	93	314817	10.059	ng	99
8) 2-Chlorophenol	7.008	128	217258	7.565	ng	99
9) Benzaldehyde	6.596	77	179271	10.247	ng	98
10) Phenol	6.649	94	251443	7.387	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	193494	7.387	ng	97
12) 1,3-Dichlorobenzene	7.325	146	250412	7.790	ng	100
13) 1,4-Dichlorobenzene	7.472	146	254422	7.818	ng	99
14) 1,2-Dichlorobenzene	7.778	146	244783	7.819	ng	99
15) Benzyl Alcohol	7.666	79	169727	7.591	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.961	45	253113	7.431	ng	99
17) 2-Methylphenol	7.872	107	165887	7.566	ng	99
18) Hexachloroethane	8.490	117	84886	8.007	ng	95
19) n-Nitroso-di-n-propyla...	8.231	70	153904	7.747	ng	98
20) 3+4-Methylphenols	8.190	107	223714	7.285	ng	99
22) Acetophenone	8.243	105	332115	7.316	ng	# 98
24) Nitrobenzene	8.608	77	229090	7.793	ng	97
25) Isophorone	9.125	82	429174	7.957	ng	100
26) 2-Nitrophenol	9.308	139	92040	9.310	ng	97
27) 2,4-Dimethylphenol	9.378	122	204400	10.159	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	273570	7.470	ng	100
29) 2,4-Dichlorophenol	9.831	162	195503	7.008	ng	99
30) 1,2,4-Trichlorobenzene	10.049	180	233296	7.551	ng	97
31) Naphthalene	10.225	128	711328	7.197	ng	99
32) Benzoic acid	9.437	122	86840	9.965	ng	94
33) 4-Chloroaniline	10.337	127	298864	8.103	ng	99
34) Hexachlorobutadiene	10.531	225	136803	7.716	ng	100
35) Caprolactam	11.090	113	65163	6.827	ng	97
36) 4-Chloro-3-methylphenol	11.472	107	200203	6.867	ng	98
37) 2-Methylnaphthalene	11.860	142	469285	6.729	ng	100
38) 1-Methylnaphthalene	12.078	142	495258	7.282	ng	100
40) 1,2,4,5-Tetrachloroben...	12.231	216	270840	7.204	ng	100
41) Hexachlorocyclopentadiene	12.225	237	125535	12.783	ng	98
43) 2,4,6-Trichlorophenol	12.484	196	161810	7.108	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025115.D
 Acq On : 14 Jul 2025 11:25
 Operator : CG/JU
 Sample : Q2126-03
 Misc : MDL-MDL-SOIL-8 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Quant Time: Jul 14 12:33:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/15/2025
 Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	183216	7.101	ng	97
46) 1,1'-Biphenyl	12.896	154	698691	7.341	ng	100
47) 2-Chloronaphthalene	12.931	162	529860	7.407	ng	99
48) 2-Nitroaniline	13.137	65	113448	8.865	ng	99
49) Acenaphthylene	13.796	152	854204	7.802	ng	100
50) Dimethylphthalate	13.549	163	678651	7.411	ng	100
51) 2,6-Dinitrotoluene	13.649	165	126487	7.082	ng	96
52) Acenaphthene	14.148	154	505426m	7.162	ng	
53) 3-Nitroaniline	13.978	138	145127	7.583	ng	99
54) 2,4-Dinitrophenol	14.190	184	47976	10.512	ng	95
55) Dibenzofuran	14.490	168	842008	7.230	ng	100
56) 4-Nitrophenol	14.301	139	116305	6.585	ng	98
57) 2,4-Dinitrotoluene	14.448	165	172377	8.852	ng	93
58) Fluorene	15.148	166	677806	7.524	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.719	232	168148	7.197	ng	98
60) Diethylphthalate	14.948	149	686322	7.462	ng	99
61) 4-Chlorophenyl-phenyle...	15.154	204	338028	7.582	ng	98
62) 4-Nitroaniline	15.154	138	147976	7.373	ng	98
63) Azobenzene	15.460	77	569058	6.948	ng	98
65) 4,6-Dinitro-2-methylph...	15.231	198	70714	10.606	ng	97
66) n-Nitrosodiphenylamine	15.384	169	582976	7.457	ng	98
67) 4-Bromophenyl-phenylether	16.084	248	212298	7.590	ng	98
68) Hexachlorobenzene	16.184	284	263211	7.699	ng	98
69) Atrazine	16.372	200	207844	9.073	ng	99
70) Pentachlorophenol	16.531	266	140426	6.082	ng	99
71) Phenanthrene	16.931	178	1101311	7.545	ng	99
72) Anthracene	17.042	178	1081307	7.722	ng	99
73) Carbazole	17.313	167	1024033	7.479	ng	99
74) Di-n-butylphthalate	17.948	149	1157034	7.588	ng	100
75) Fluoranthene	19.042	202	1270064	7.444	ng	99
77) Benzidine	19.254	184	524927	9.883	ng	98
78) Pyrene	19.419	202	1360792	7.306	ng	99
80) Butylbenzylphthalate	20.425	149	475015	9.793	ng	99
81) Benzo(a)anthracene	21.319	228	1388625	7.620	ng	99
82) 3,3'-Dichlorobenzidine	21.242	252	433725	7.906	ng	99
83) Chrysene	21.383	228	1314495	7.495	ng	98
84) Bis(2-ethylhexyl)phtha...	21.319	149	775725	7.936	ng	99
85) Di-n-octyl phthalate	22.530	149	1136681	11.635	ng	99
87) Indeno(1,2,3-cd)pyrene	27.965	276	1497148m	7.287	ng	
88) Benzo(b)fluoranthene	23.477	252	1286779	6.855	ng	99
89) Benzo(k)fluoranthene	23.548	252	1349512	7.225	ng	99
90) Benzo(a)pyrene	24.313	252	1206015	7.549	ng	99
91) Dibenzo(a,h)anthracene	28.060	278	1226816	7.224	ng	98
92) Benzo(g,h,i)perylene	29.048	276	1238591	7.060	ng	100

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

