

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144475.D
 Acq On : 15 Dec 2025 15:39
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-4NG
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Dec 15 15:58:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	204166	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	788550	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	428443	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	725614	20.000	ng	0.00
76) Chrysene-d12	13.939	240	597293	20.000	ng	0.00
86) Perylene-d12	15.374	264	446199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1480917	109.369	ng	0.00
7) Phenol-d6	6.416	99	1865309	110.443	ng	0.00
23) Nitrobenzene-d5	7.357	82	1179015	93.564	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	503398	129.958	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2161283	77.387	ng	0.00
79) Terphenyl-d14	12.898	244	2531306	66.908	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	23391	3.593	ng	97
3) Pyridine	3.281	79	61147	3.415	ng	99
4) n-Nitrosodimethylamine	3.157	42	27195	3.495	ng	# 99
6) Aniline	6.457	93	90652	3.848	ng	99
8) 2-Chlorophenol	6.575	128	58147	4.005	ng	84
9) Benzaldehyde	6.340	77	45915	3.473	ng	99
10) Phenol	6.428	94	75378	3.782	ng	# 63
11) bis(2-Chloroethyl)ether	6.528	93	54863	3.766	ng	99
12) 1,3-Dichlorobenzene	6.734	146	61646	3.930	ng	98
13) 1,4-Dichlorobenzene	6.810	146	64201	4.080	ng	98
14) 1,2-Dichlorobenzene	6.963	146	59607	3.988	ng	98
15) Benzyl Alcohol	6.928	79	44323	3.560	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	86540	3.520	ng	99
17) 2-Methylphenol	7.034	107	46188	3.774	ng	97
18) Hexachloroethane	7.304	117	20833	3.810	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	39181	3.673	ng	98
20) 3+4-Methylphenols	7.187	107	59234	3.939	ng	# 87
22) Acetophenone	7.198	105	79599	4.070	ng	95
24) Nitrobenzene	7.369	77	61069	4.467	ng	98
25) Isophorone	7.604	82	103764	3.649	ng	98
26) 2-Nitrophenol	7.687	139	18121	6.786	ng	98
27) 2,4-Dimethylphenol	7.722	122	55710	4.106	ng	95
28) bis(2-Chloroethoxy)met...	7.822	93	65980	3.765	ng	98
29) 2,4-Dichlorophenol	7.922	162	43266	3.837	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	50438	4.125	ng	97
31) Naphthalene	8.092	128	171038	4.030	ng	99
32) Benzoic acid	7.757	122	11708	7.775	ng	98
33) 4-Chloroaniline	8.139	127	66177	3.879	ng	98
34) Hexachlorobutadiene	8.216	225	28819	3.811	ng	99
35) Caprolactam	8.463	113	11813	3.173	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	43461	3.551	ng	97
37) 2-Methylnaphthalene	8.786	142	98952	3.544	ng	98
38) 1-Methylnaphthalene	8.886	142	104930	3.859	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	50768	4.164	ng	98
41) Hexachlorocyclopentadiene	8.939	237	24157	3.348	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	28283	3.653	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144475.D
 Acq On : 15 Dec 2025 15:39
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-4NG
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Dec 15 15:58:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	30708	3.778	ng	97
46) 1,1'-Biphenyl	9.251	154	138878	4.148	ng	98
47) 2-Chloronaphthalene	9.275	162	101460	3.969	ng	97
48) 2-Nitroaniline	9.363	65	21458	6.338	ng	98
49) Acenaphthylene	9.686	152	158940	3.925	ng	99
50) Dimethylphthalate	9.545	163	111151	3.841	ng	100
51) 2,6-Dinitrotoluene	9.604	165	19398	7.268	ng	99
52) Acenaphthene	9.857	154	100991	4.000	ng	99
53) 3-Nitroaniline	9.769	138	22519	6.259	ng	# 95
54) 2,4-Dinitrophenol	9.875	184	3871	8.516	ng	# 24
55) Dibenzofuran	10.028	168	146769	4.085	ng	96
56) 4-Nitrophenol	9.916	139	15750	3.196	ng	96
57) 2,4-Dinitrotoluene	10.004	165	21242	6.583	ng	99
58) Fluorene	10.369	166	115668	4.252	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	26301	4.263	ng	98
60) Diethylphthalate	10.245	149	102193	3.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	55171	4.133	ng	96
62) 4-Nitroaniline	10.375	138	21621	5.716	ng	99
63) Azobenzene	10.528	77	107254	3.700	ng	98
65) 4,6-Dinitro-2-methylph...	10.404	198	6523	8.624	ng	89
66) n-Nitrosodiphenylamine	10.480	169	98278	3.952	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	31643	3.735	ng	98
68) Hexachlorobenzene	10.916	284	35207	3.765	ng	100
69) Atrazine	11.004	200	28035	3.599	ng	99
70) Pentachlorophenol	11.104	266	16312	3.058	ng	96
71) Phenanthrene	11.333	178	170863	4.085	ng	98
72) Anthracene	11.380	178	168680	3.984	ng	98
73) Carbazole	11.533	167	153426	4.174	ng	98
74) Di-n-butylphthalate	11.874	149	138856	3.534	ng	99
75) Fluoranthene	12.516	202	166654	4.034	ng	98
77) Benzidine	12.639	184	65162	3.064	ng	97
78) Pyrene	12.745	202	178564	3.263	ng	99
80) Butylbenzylphthalate	13.368	149	45096	5.579	ng	98
81) Benzo(a)anthracene	13.927	228	150381	3.575	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	36962	3.101	ng	96
83) Chrysene	13.963	228	146986	3.818	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	51497	5.202	ng	99
85) Di-n-octyl phthalate	14.545	149	52991	7.914	ng	99
87) Indeno(1,2,3-cd)pyrene	16.774	276	89810	2.804	ng	100
88) Benzo(b)fluoranthene	14.957	252	103600	3.537	ng	98
89) Benzo(k)fluoranthene	14.986	252	117538	4.244	ng	98
90) Benzo(a)pyrene	15.310	252	89475	3.495	ng	100
91) Dibenzo(a,h)anthracene	16.798	278	72300	2.795	ng	99
92) Benzo(g,h,i)perylene	17.204	276	74020	2.815	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
Data File : BF144475.D
Acq On : 15 Dec 2025 15:39
Operator : RC/JU
Sample : Q3530-01
Misc : LOD-SOIL-4NG
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Quant Time: Dec 15 15:58:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration

