

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
 Data File : BM050407.D
 Acq On : 11 Jul 2025 10:59
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 11 11:38:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	436693	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1613825	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1006200	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1845780	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1742549	20.000	ng	0.00
86) Perylene-d12	24.486	264	1751119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2906402	114.562	ng	0.00
7) Phenol-d6	7.022	99	3712636	116.088	ng	0.00
23) Nitrobenzene-d5	9.016	82	2339734	73.966	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1451621	118.738	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5987659	73.488	ng	0.00
79) Terphenyl-d14	19.839	244	8874607	89.607	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	42906	4.113	ng	98
3) Pyridine	3.740	79	109883	4.012	ng	97
6) Aniline	7.187	93	160287	3.905	ng	100
8) 2-Chlorophenol	7.428	128	115681	4.324	ng	99
10) Phenol	7.046	94	137856	4.133	ng	92
11) bis(2-Chloroethyl)ether	7.281	93	106215	3.976	ng	99
12) 1,3-Dichlorobenzene	7.751	146	135649	4.170	ng	98
13) 1,4-Dichlorobenzene	7.898	146	138640	4.174	ng	99
14) 1,2-Dichlorobenzene	8.216	146	131092	4.123	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	159639	4.057	ng	99
17) 2-Methylphenol	8.298	107	80441	3.718	ng	97
18) Hexachloroethane	8.951	117	46448	3.976	ng	96
19) n-Nitroso-di-n-propyla...	8.663	70	72620	3.748	ng	98
22) Acetophenone	8.681	105	162652	4.031	ng	# 98
24) Nitrobenzene	9.057	77	124607	4.414	ng	96
25) Isophorone	9.587	82	186760	3.638	ng	99
26) 2-Nitrophenol	9.769	139	36515	3.174	ng	# 86
27) 2,4-Dimethylphenol	9.828	122	93602	3.824	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	131631	3.870	ng	96
29) 2,4-Dichlorophenol	10.304	162	89899	3.575	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	123602	4.108	ng	99
31) Naphthalene	10.710	128	335828	4.097	ng	98
33) 4-Chloroaniline	10.810	127	129585	3.739	ng	98
34) Hexachlorobutadiene	11.004	225	74003	4.030	ng	96
36) 4-Chloro-3-methylphenol	11.928	107	79289	3.376	ng	97
37) 2-Methylnaphthalene	12.322	142	199338	3.851	ng	97
38) 1-Methylnaphthalene	12.539	142	215489	3.934	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	126161	3.943	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	65534	3.327	ng	94
44) 2,4,5-Trichlorophenol	12.992	196	73994	3.440	ng	97
46) 1,1'-Biphenyl	13.327	154	307080	4.113	ng	99
47) 2-Chloronaphthalene	13.369	162	245824	4.130	ng	99
48) 2-Nitroaniline	13.563	65	40360	3.038	ng	94
49) Acenaphthylene	14.210	152	334058	3.714	ng	98
50) Dimethylphthalate	13.945	163	268058	3.870	ng	99
51) 2,6-Dinitrotoluene	14.051	165	43461	3.268	ng	92

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52) Acenaphthene	14.551	154	219275	3.834	ng	97
53) 3-Nitroaniline	14.380	138	43451	3.072	ng #	94
55) Dibenzofuran	14.886	168	353703	4.014	ng	99
57) 2,4-Dinitrotoluene	14.839	165	46798	4.941	ng #	89
58) Fluorene	15.533	166	271404	3.739	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	59170	3.268	ng	96
60) Diethylphthalate	15.304	149	240967	3.641	ng	100
61) 4-Chlorophenyl-phenyle...	15.527	204	137044	3.611	ng	92
62) 4-Nitroaniline	15.533	138	37296	4.757	ng	94
63) Azobenzene	15.821	77	210422	3.463	ng	97
66) n-Nitrosodiphenylamine	15.739	169	219487	3.800	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	75934	3.734	ng	97
68) Hexachlorobenzene	16.539	284	95935	3.994	ng	96
69) Atrazine	16.686	200	62521	3.297	ng	100
71) Phenanthrene	17.268	178	416893	3.992	ng	99
72) Anthracene	17.357	178	378486	3.641	ng	99
73) Carbazole	17.621	167	338749	3.601	ng	99
74) Di-n-butylphthalate	18.192	149	325326	3.160	ng	99
75) Fluoranthene	19.274	202	393607	3.467	ng	98
78) Pyrene	19.633	202	422615	3.787	ng	99
80) Butylbenzylphthalate	20.533	149	110947	3.015	ng	97
81) Benzo(a)anthracene	21.433	228	432897	3.813	ng	99
83) Chrysene	21.492	228	421299	3.934	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	173784	2.975	ng	96
87) Indeno(1,2,3-cd)pyrene	27.909	276	434027	3.486	ng #	94
88) Benzo(b)fluoranthene	23.521	252	387766	3.600	ng	98
89) Benzo(k)fluoranthene	23.586	252	390612	3.495	ng	97
90) Benzo(a)pyrene	24.339	252	338014	3.352	ng	98
91) Dibenzo(a,h)anthracene	27.974	278	366989	3.500	ng	98
92) Benzo(g,h,i)perylene	28.974	276	360081	3.634	ng	99

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

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