

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049577.D
 Acq On : 06 Feb 2025 10:59
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Quant Time: Feb 06 11:55:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 11:55:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	182987	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	658394	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	407605	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	778537	20.000	ng	0.00
76) Chrysene-d12	21.445	240	639419	20.000	ng	0.00
86) Perylene-d12	24.474	264	541757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1606561	141.184	ng	0.00
7) Phenol-d6	6.981	99	2073893	139.112	ng	0.00
23) Nitrobenzene-d5	8.975	82	1393709	108.884	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	707537	146.495	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3471878	110.343	ng	0.00
79) Terphenyl-d14	19.833	244	5708422	136.327	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	29327	6.130	ng	96
3) Pyridine	3.699	79	67034	5.042	ng	94
6) Aniline	7.146	93	82115	5.812	ng	99
8) 2-Chlorophenol	7.387	128	60304	5.307	ng	94
10) Phenol	7.004	94	80793	5.502	ng	94
11) bis(2-Chloroethyl)ether	7.246	93	67510	5.683	ng	99
12) 1,3-Dichlorobenzene	7.716	146	74483	5.647	ng	99
13) 1,4-Dichlorobenzene	7.863	146	75460	5.657	ng	96
14) 1,2-Dichlorobenzene	8.181	146	72617	5.638	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.351	45	97906	6.122	ng	98
17) 2-Methylphenol	8.257	107	45035	5.016	ng	96
18) Hexachloroethane	8.910	117	26624	5.464	ng	90
19) n-Nitroso-di-n-propyla...	8.628	70	51521	5.277	ng	96
22) Acetophenone	8.640	105	98201	5.538	ng	96
24) Nitrobenzene	9.016	77	76044m	6.115	ng	
25) Isophorone	9.545	82	130365	5.647	ng	99
26) 2-Nitrophenol	9.734	139	12409	5.410	ng	97
27) 2,4-Dimethylphenol	9.792	122	36328m	4.977	ng	
28) bis(2-Chloroethoxy)met...	10.034	93	80782	5.433	ng	99
29) 2,4-Dichlorophenol	10.263	162	43163	4.294	ng	96
30) 1,2,4-Trichlorobenzene	10.486	180	69021	5.605	ng	99
31) Naphthalene	10.669	128	185485	5.342	ng	99
33) 4-Chloroaniline	10.769	127	70158	5.398	ng	97
34) Hexachlorobutadiene	10.969	225	40941	5.551	ng	98
36) 4-Chloro-3-methylphenol	11.892	107	40001	3.990	ng	97
37) 2-Methylnaphthalene	12.286	142	124058	5.074	ng	95
38) 1-Methylnaphthalene	12.504	142	116059m	4.879	ng	
40) 1,2,4,5-Tetrachloroben...	12.651	216	71672	5.348	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	27500	3.760	ng	98
44) 2,4,5-Trichlorophenol	12.957	196	32401m	4.032	ng	
46) 1,1'-Biphenyl	13.298	154	176301	5.670	ng	99
47) 2-Chloronaphthalene	13.333	162	131343	5.459	ng	99
48) 2-Nitroaniline	13.527	65	22774	4.126	ng	88
49) Acenaphthylene	14.180	152	203206	5.728	ng	98
50) Dimethylphthalate	13.922	163	146685	5.011	ng	100
51) 2,6-Dinitrotoluene	14.027	165	21950	4.334	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049577.D
 Acq On : 06 Feb 2025 10:59
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Quant Time: Feb 06 11:55:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 11:55:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.527	154	114251	4.852	ng	94
53) 3-Nitroaniline	14.351	138	21861	4.239	ng #	95
55) Dibenzofuran	14.863	168	193567	5.163	ng	98
57) 2,4-Dinitrotoluene	14.810	165	21470	6.034	ng #	80
58) Fluorene	15.510	166	152350	4.750	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.086	232	26131m	3.849	ng	
60) Diethylphthalate	15.292	149	140842	4.788	ng	98
61) 4-Chlorophenyl-phenyle...	15.510	204	80780	4.732	ng	93
62) 4-Nitroaniline	15.504	138	21591	3.738	ng #	78
63) Azobenzene	15.804	77	167359	5.450	ng	98
66) n-Nitrosodiphenylamine	15.716	169	122779	5.001	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	45060	4.982	ng	99
68) Hexachlorobenzene	16.510	284	54048	5.206	ng	94
69) Atrazine	16.668	200	34310	4.701	ng	96
71) Phenanthrene	17.245	178	231092	5.210	ng	100
72) Anthracene	17.333	178	222217	5.060	ng	100
73) Carbazole	17.598	167	197274	5.118	ng	99
74) Di-n-butylphthalate	18.186	149	191281	3.911	ng	99
75) Fluoranthene	19.257	202	232752	4.482	ng	99
78) Pyrene	19.621	202	243341	5.083	ng	100
80) Butylbenzylphthalate	20.533	149	35843	2.406	ng	95
81) Benzo(a)anthracene	21.427	228	221616	5.114	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	43931	3.767	ng	99
83) Chrysene	21.486	228	209491	5.160	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	71991	2.819	ng	94
87) Indeno(1,2,3-cd)pyrene	27.897	276	139815	4.726	ng #	87
88) Benzo(b)fluoranthene	23.515	252	173429	4.653	ng #	98
89) Benzo(k)fluoranthene	23.580	252	169471	4.682	ng	99
90) Benzo(a)pyrene	24.333	252	138089	4.675	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	106665	4.562	ng	96
92) Benzo(g,h,i)perylene	28.944	276	117171	4.486	ng	98

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

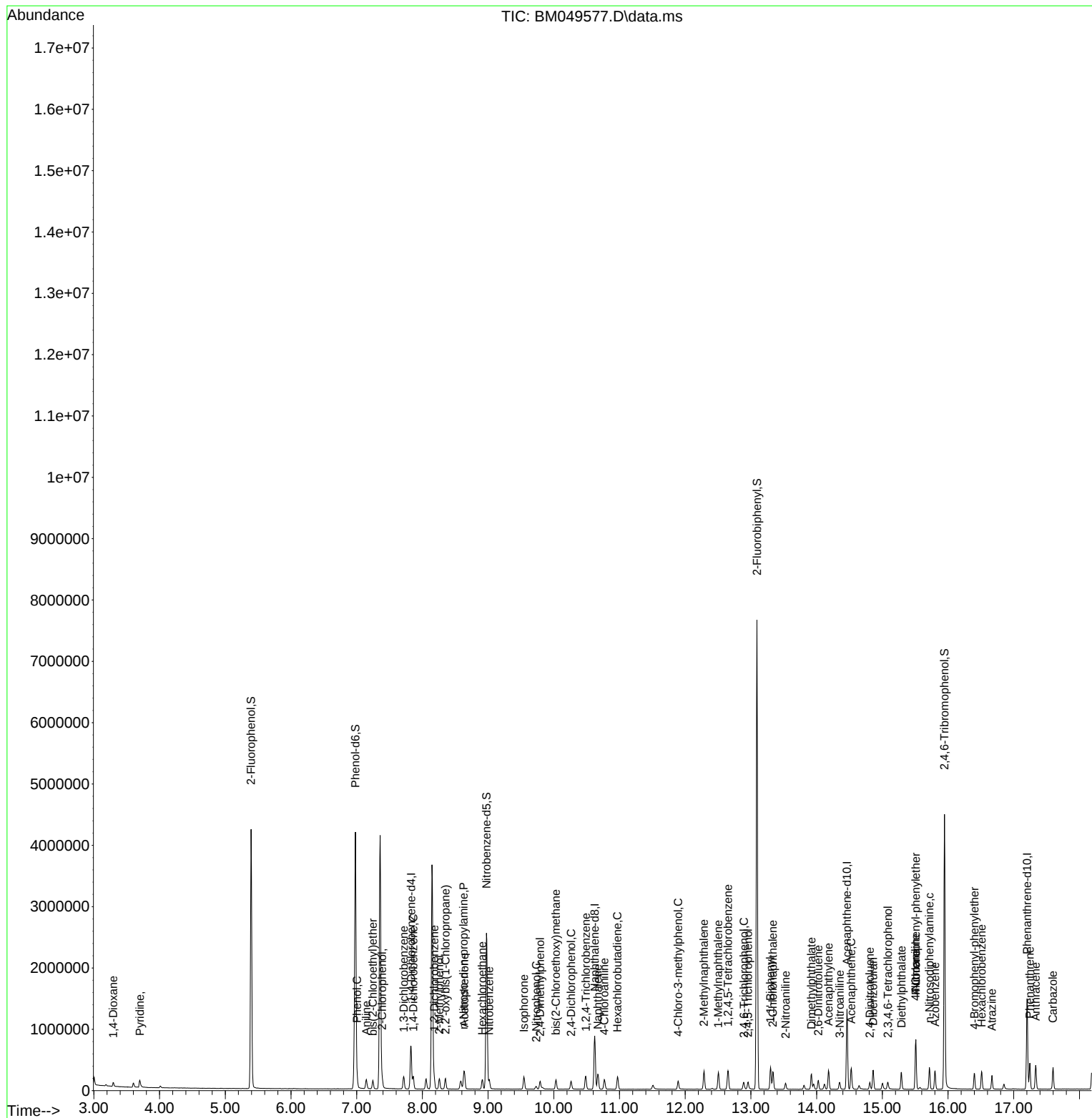
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049577.D
 Acq On : 06 Feb 2025 10:59
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Quant Time: Feb 06 11:55:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 11:55:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049577.D
Acq On : 06 Feb 2025 10:59
Operator : RC/JU
Sample : Q1168-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Quant Time: Feb 06 11:55:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 11:55:12 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

