Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049598.D
Acq On : 07 Feb 2025 12:16
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 07 12:51:09 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 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	153225	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	568618	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	341228	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	628603	20.000	ng		0.00
76) Chrysene-d12	21.439	240	496182	20.000	ng		0.00
86) Perylene-d12	24.468	264	404509	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	753751	79.106	ng		0.00
7) Phenol-d6	6.975	99	1003189	80.362	ng		0.00
23) Nitrobenzene-d5	8.975	82	1039244	94.010	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	239891	59.331	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2402918	91.225	ng		0.00
79) Terphenyl-d14	19.827	244	3572703	109.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	20286	5.064	ng		94
3) Pyridine	3.699	79	41894	3.763	ng	#	90
4) n-Nitrosodimethylamine	3.605	42	21878	4.200	ng	#	79
6) Aniline	7.146	93	54068	4.570	ng		97
8) 2-Chlorophenol	7.381	128	37372	3.928	ng		91
9) Benzaldehyde	6.957	77	44312	6.704	ng		95
10) Phenol	7.004	94	50754	4.128	ng		92
11) bis(2-Chloroethyl)ether	7.246	93	43147	4.338	ng		97
12) 1,3-Dichlorobenzene	7.716	146	48483	4.390	ng		96
13) 1,4-Dichlorobenzene	7.857	146	48314	4.325	ng		100
14) 1,2-Dichlorobenzene	8.175	146	47106	4.367	ng		96
15) Benzyl Alcohol	8.057	79	30318	3.491	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.351	45	62468	4.665	ng		97
17) 2-Methylphenol	8.257	107	28222	3.754	ng		92
18) Hexachloroethane	8.910	117	17212	4.218	ng		87
19) n-Nitroso-di-n-propyla...	8.628	70	29832	3.649	ng		98
20) 3+4-Methylphenols	8.581	107	34035	3.429	ng		93
22) Acetophenone	8.640	105	63367	4.138	ng	#	96
24) Nitrobenzene	9.016	77	47401	4.413	ng		97
25) Isophorone	9.546	82	75674	3.796	ng		100
26) 2-Nitrophenol	9.728	139	6705	4.141	ng	#	90
27) 2,4-Dimethylphenol	9.793	122	23136m	3.670	ng		
28) bis(2-Chloroethoxy)met...	10.034	93	49487	3.854	ng		98
29) 2,4-Dichlorophenol	10.263	162	24245	2.793	ng		96
30) 1,2,4-Trichlorobenzene	10.481	180	41621	3.913	ng		95
31) Naphthalene	10.669	128	118304	3.945	ng		99
32) Benzoic acid	9.822	122	4232m	6.304	ng		
33) 4-Chloroaniline	10.769	127	43707	3.894	ng		97
34) Hexachlorobutadiene	10.969	225	26247	4.121	ng		96
35) Caprolactam	11.510	113	5899	2.227	ng		92
36) 4-Chloro-3-methylphenol	11.892	107	22707	2.623	ng		95
37) 2-Methylnaphthalene	12.281	142	76369	3.617	ng		98
38) 1-Methylnaphthalene	12.504	142	72285	3.519	ng		94
40) 1,2,4,5-Tetrachloroben...	12.651	216	43845	3.908	ng		97
41) Hexachlorocyclopentadiene	12.639	237	10622	3.709	ng		97
43) 2,4,6-Trichlorophenol	12.892	196	13435	2.195	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049598.D
Acq On : 07 Feb 2025 12:16
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 07 12:51:09 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 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	17116	2.544	ng		93
46) 1,1'-Biphenyl	13.298	154	107623	4.134	ng		99
47) 2-Chloronaphthalene	13.333	162	80066	3.975	ng		95
48) 2-Nitroaniline	13.528	65	12332	6.250	ng		88
49) Acenaphthylene	14.180	152	113833	3.833	ng		99
50) Dimethylphthalate	13.916	163	84669	3.455	ng		99
51) 2,6-Dinitrotoluene	14.022	165	11546	2.723	ng	#	79
52) Acenaphthene	14.522	154	73600	3.734	ng		97
53) 3-Nitroaniline	14.351	138	12567	2.911	ng	#	90
54) 2,4-Dinitrophenol	14.551	184	1607	4.529	ng	#	90
55) Dibenzofuran	14.857	168	120343	3.834	ng		99
56) 4-Nitrophenol	14.645	139	4711	1.294	ng	#	76
57) 2,4-Dinitrotoluene	14.810	165	11877	4.870	ng	#	94
58) Fluorene	15.510	166	88306	3.289	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.080	232	13198m	2.322	ng		
60) Diethylphthalate	15.286	149	78604	3.192	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	46151	3.229	ng		94
62) 4-Nitroaniline	15.504	138	10997	6.006	ng		90
63) Azobenzene	15.798	77	92976	3.617	ng		97
65) 4,6-Dinitro-2-methylph...	15.569	198	2586	5.935	ng		91
66) n-Nitrosodiphenylamine	15.716	169	68524	3.457	ng		97
67) 4-Bromophenyl-phenylether	16.398	248	25108	3.438	ng		97
68) Hexachlorobenzene	16.510	284	30460	3.634	ng		92
69) Atrazine	16.663	200	17229	2.924	ng		98
70) Pentachlorophenol	16.851	266	6607m	8.768	ng		
71) Phenanthrene	17.245	178	135529	3.785	ng		98
72) Anthracene	17.333	178	123631	3.487	ng		98
73) Carbazole	17.598	167	108172	3.476	ng		98
74) Di-n-butylphthalate	18.180	149	89147	2.257	ng	#	97
75) Fluoranthene	19.257	202	128679	3.069	ng		99
77) Benzidine	19.439	184	15450	3.516	ng		97
78) Pyrene	19.615	202	137169	3.692	ng		98
80) Butylbenzylphthalate	20.527	149	15153	1.311	ng		97
81) Benzo(a)anthracene	21.421	228	121123	3.602	ng		98
82) 3,3'-Dichlorobenzidine	21.345	252	17449	1.928	ng	#	98
83) Chrysene	21.480	228	120293	3.818	ng		98
84) Bis(2-ethylhexyl)phtha...	21.368	149	26403	1.332	ng	#	90
85) Di-n-octyl phthalate	22.527	149	34712	1.110	ng	#	89
87) Indeno(1,2,3-cd)pyrene	27.885	276	77943m	3.528	ng		
88) Benzo(b)fluoranthene	23.509	252	88437	3.178	ng	#	99
89) Benzo(k)fluoranthene	23.574	252	95544	3.535	ng		98
90) Benzo(a)pyrene	24.321	252	72804	3.301	ng	#	96
91) Dibenzo(a,h)anthracene	27.944	278	58612m	3.357	ng		
92) Benzo(g,h,i)perylene	28.950	276	69486m	3.563	ng		

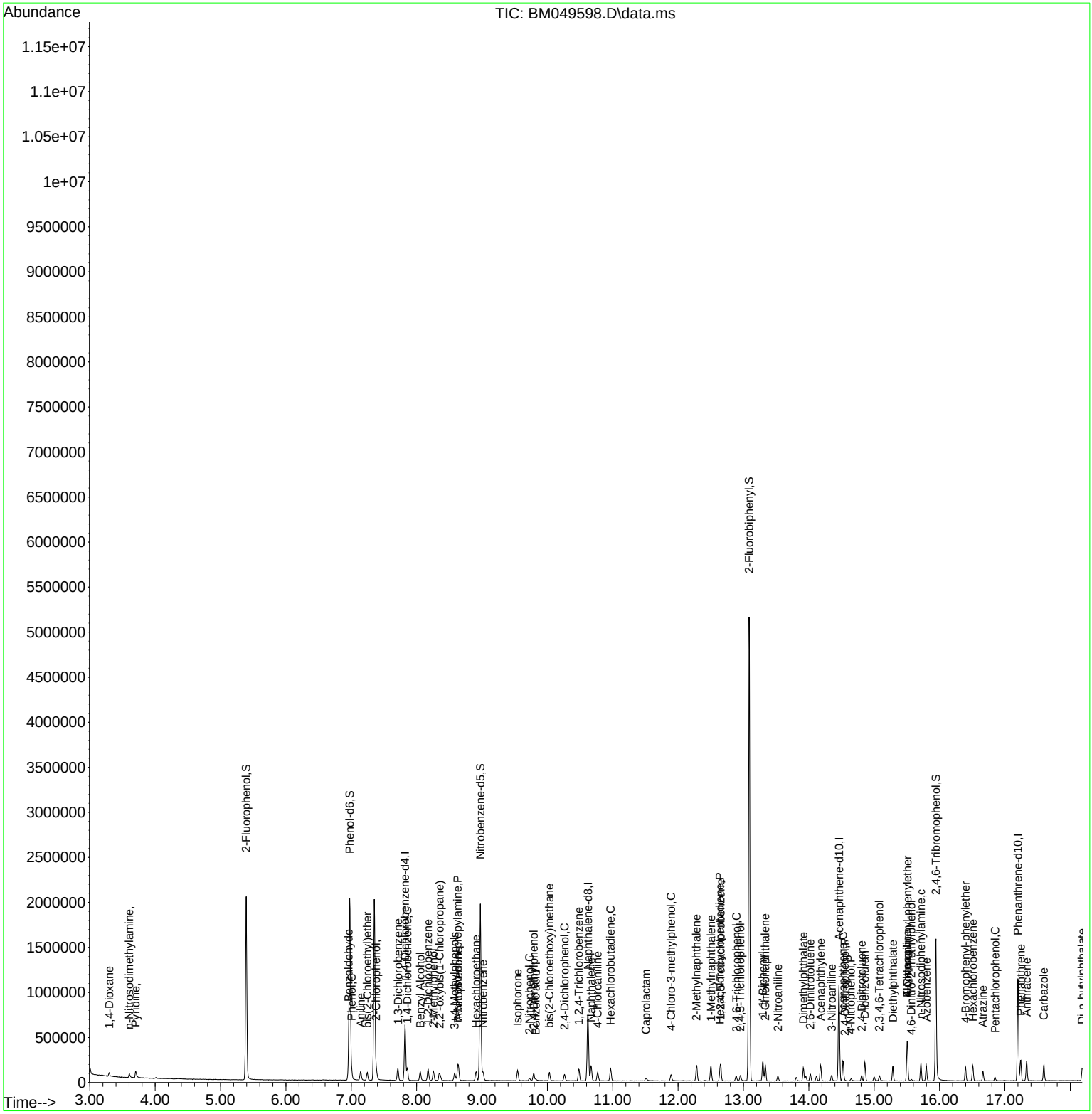
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049598.D
Acq On : 07 Feb 2025 12:16
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 07 12:51:09 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 04:55:28 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049598.D
Acq On : 07 Feb 2025 12:16
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 07 12:51:09 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 04:55:28 2025
Response via : Initial Calibration