Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049684.D
Acq On : 28 Feb 2025 18:34
Operator : RC/JU
Sample : Q1458-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-SOILMSD

Quant Time: Feb 28 22:00:23 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	7.804	152	379241	20.000	ng		-0.02
21) Naphthalene-d8	10.598	136	1288200	20.000	ng		#-0.03
39) Acenaphthene-d10	14.445	164	805687	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	1530140	20.000	ng		#-0.02
76) Chrysene-d12	21.427	240	1657115	20.000	ng		-0.02
86) Perylene-d12	24.438	264	1750186	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2688590	114.004	ng		0.00
7) Phenol-d6	6.981	99	3338218	108.043	ng		0.00
23) Nitrobenzene-d5	8.957	82	1935466	77.282	ng		-0.02
42) 2,4,6-Tribromophenol	15.933	330	1455881	152.500	ng		-0.02
45) 2-Fluorobiphenyl	13.069	172	4741276	76.234	ng		-0.02
79) Terphenyl-d14	19.809	244	6562004	60.469	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	392016	39.534	ng		91
3) Pyridine	3.681	79	965661	35.045	ng		91
4) n-Nitrosodimethylamine	3.587	42	397049	30.798	ng	#	78
6) Aniline	7.128	93	548223	18.721	ng		94
8) 2-Chlorophenol	7.375	128	1007304	42.776	ng		94
9) Benzaldehyde	6.940	77	367203	22.446	ng		92
10) Phenol	7.010	94	1255427	41.253	ng		94
11) bis(2-Chloroethyl)ether	7.228	93	966585	39.260	ng		94
12) 1,3-Dichlorobenzene	7.692	146	1188060	43.465	ng	#	94
13) 1,4-Dichlorobenzene	7.839	146	1200242	43.412	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1149366	43.054	ng		98
15) Benzyl Alcohol	8.045	79	814644	37.898	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1111197	33.527	ng		95
17) 2-Methylphenol	8.257	107	778173	41.819	ng		96
18) Hexachloroethane	8.886	117	416005	41.193	ng		91
19) n-Nitroso-di-n-propyla...	8.610	70	699794	34.587	ng		90
20) 3+4-Methylphenols	8.581	107	1045132	42.547	ng		97
22) Acetophenone	8.628	105	1543150	44.476	ng	#	94
24) Nitrobenzene	9.004	77	979103	40.239	ng		92
25) Isophorone	9.533	82	1835196	40.632	ng		96
26) 2-Nitrophenol	9.716	139	505116	57.606	ng	#	86
27) 2,4-Dimethylphenol	9.781	122	800386	56.045	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	1189294	40.883	ng		97
29) 2,4-Dichlorophenol	10.251	162	996149	50.650	ng		95
30) 1,2,4-Trichlorobenzene	10.463	180	1125353	46.704	ng		98
31) Naphthalene	10.651	128	2963609	43.621	ng		99
32) Benzoic acid	9.922	122	598243	60.729	ng		92
33) 4-Chloroaniline	10.757	127	330668	13.003	ng		95
34) Hexachlorobutadiene	10.945	225	725384	50.271	ng		98
35) Caprolactam	11.539	113	285596	47.599	ng	#	80
36) 4-Chloro-3-methylphenol	11.898	107	848699	43.271	ng		92
37) 2-Methylnaphthalene	12.263	142	2043541	42.721	ng		98
38) 1-Methylnaphthalene	12.486	142	1979958	42.542	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1450408	54.753	ng		98
41) Hexachlorocyclopentadiene	12.622	237	1284858	190.000	ng		100
43) 2,4,6-Trichlorophenol	12.880	196	810286	56.055	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049684.D
Acq On : 28 Feb 2025 18:34
Operator : RC/JU
Sample : Q1458-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-SOILMSD

Quant Time: Feb 28 22:00:23 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

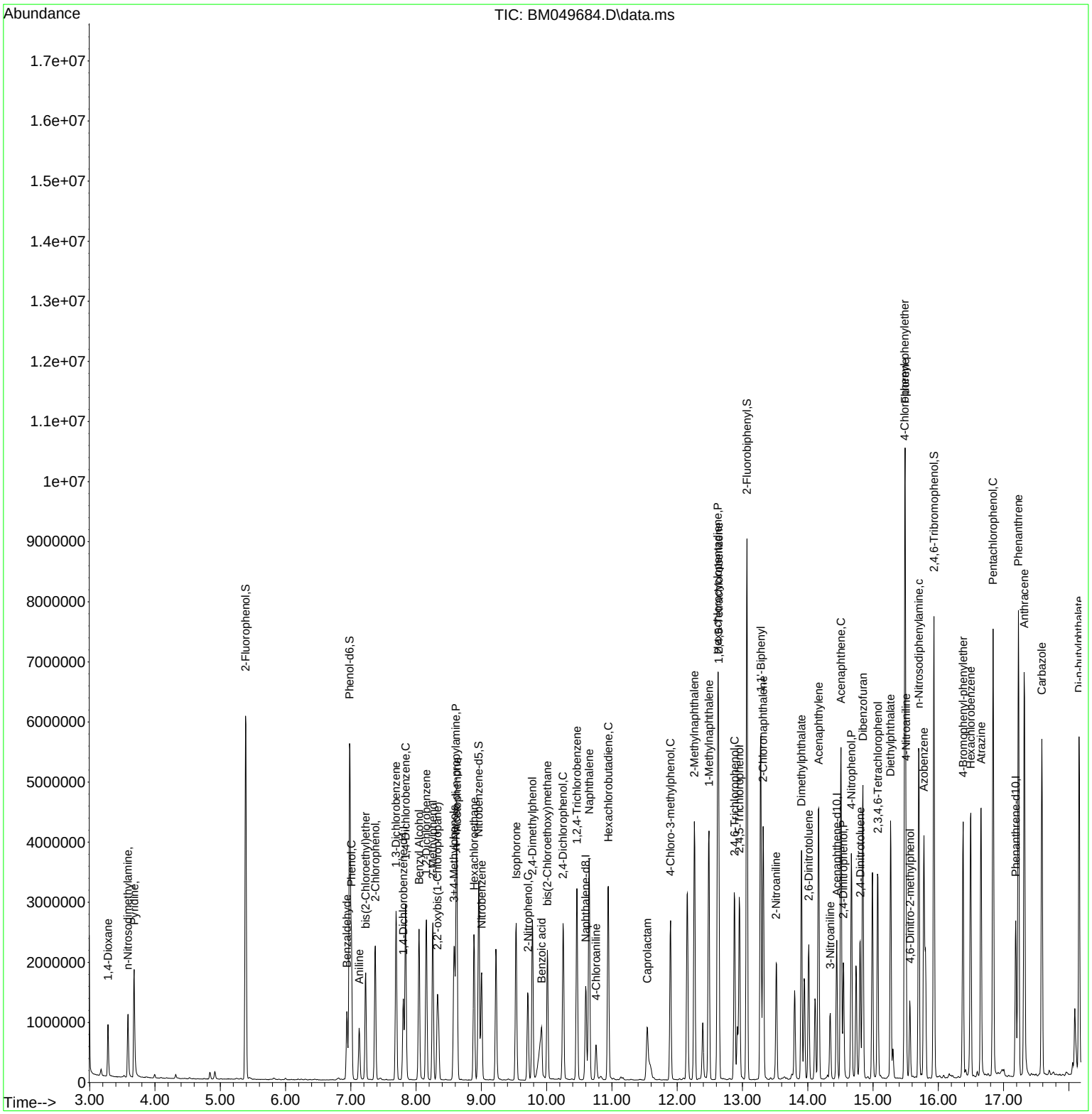
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	872916	54.951	ng		95
46) 1,1'-Biphenyl	13.280	154	3054792	49.702	ng		99
47) 2-Chloronaphthalene	13.316	162	2143640	45.079	ng		98
48) 2-Nitroaniline	13.516	65	495926	40.280	ng		88
49) Acenaphthylene	14.168	152	3336688	47.585	ng		98
50) Dimethylphthalate	13.904	163	2511679	43.410	ng		99
51) 2,6-Dinitrotoluene	14.016	165	524194	52.356	ng	#	81
52) Acenaphthene	14.510	154	2259342m	48.543	ng		
53) 3-Nitroaniline	14.345	138	284593	27.919	ng	#	88
54) 2,4-Dinitrophenol	14.545	184	459669	104.328	ng	#	67
55) Dibenzofuran	14.845	168	3211694	43.336	ng		96
56) 4-Nitrophenol	14.668	139	990580	115.279	ng		84
57) 2,4-Dinitrotoluene	14.804	165	731696	51.347	ng	#	77
58) Fluorene	15.492	166	2672428	42.152	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	729646	54.367	ng		92
60) Diethylphthalate	15.268	149	2406935	41.393	ng		98
61) 4-Chlorophenyl-phenyle...	15.486	204	1441240	42.711	ng		99
62) 4-Nitroaniline	15.504	138	485649	37.797	ng		92
63) Azobenzene	15.780	77	2617850	43.132	ng		89
65) 4,6-Dinitro-2-methylph...	15.568	198	307580	61.071	ng		80
66) n-Nitrosodiphenylamine	15.704	169	2202327	45.638	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	835572	47.005	ng		95
68) Hexachlorobenzene	16.498	284	930805	45.621	ng		93
69) Atrazine	16.657	200	873695	60.907	ng		98
70) Pentachlorophenol	16.839	266	1332053	95.118	ng		98
71) Phenanthrene	17.227	178	4654189	53.391	ng		100
72) Anthracene	17.315	178	4268163	49.450	ng		100
73) Carbazole	17.586	167	3615050	47.719	ng		99
74) Di-n-butylphthalate	18.156	149	4186531	43.552	ng		99
75) Fluoranthene	19.245	202	6343901	62.160	ng		98
77) Benzidine	19.427	184	2172295	148.030	ng		99
78) Pyrene	19.603	202	6621140	53.362	ng		99
80) Butylbenzylphthalate	20.509	149	1856577	48.086	ng	#	85
81) Benzo(a)anthracene	21.409	228	5876755	52.328	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	1600362	52.956	ng	#	98
83) Chrysene	21.468	228	5358395	50.926	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2814935	42.529	ng	#	95
85) Di-n-octyl phthalate	22.480	149	4823949	46.197	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.850	276	6567956	68.716	ng	#	96
88) Benzo(b)fluoranthene	23.491	252	5831970	48.438	ng		98
89) Benzo(k)fluoranthene	23.556	252	5457861	46.671	ng		98
90) Benzo(a)pyrene	24.303	252	5520787	57.860	ng	#	97
91) Dibenzo(a,h)anthracene	27.909	278	5075070	67.182	ng		97
92) Benzo(g,h,i)perylene	28.915	276	5106207	60.510	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049684.D
Acq On : 28 Feb 2025 18:34
Operator : RC/JU
Sample : Q1458-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-SOILMSD

Quant Time: Feb 28 22:00:23 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\BM022825\
Data File : BM049684.D
Acq On : 28 Feb 2025 18:34
Operator : RC/JU
Sample : Q1458-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-SOILMSD

Quant Time: Feb 28 22:00:23 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