

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047284.D
 Acq On : 21 Aug 2024 00:13
 Operator : RC/JU
 Sample : P3652-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LIVONIA-SOILMSD

Quant Time: Aug 21 02:52:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	332130	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	1236196	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	773731	20.000	ng	-0.01
64) Phenanthrene-d10	16.780	188	1509318	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1028005	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1173853	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1921747	103.389	ng	0.00
7) Phenol-d6	6.581	99	2515309	98.208	ng	0.00
23) Nitrobenzene-d5	8.510	82	1690649	68.864	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	983103	109.580	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	3788838	75.535	ng	-0.02
79) Terphenyl-d14	19.451	244	4677394	97.495	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	286982	37.263	ng	94
3) Pyridine	3.399	79	754934	33.428	ng	96
4) n-Nitrosodimethylamine	3.322	42	359389	36.424	ng	99
6) Aniline	6.710	93	1002687	41.419	ng	98
8) 2-Chlorophenol	6.940	128	938956	46.316	ng	96
9) Benzaldehyde	6.522	77	470465	32.500	ng	98
10) Phenol	6.604	94	1086037	42.496	ng	98
11) bis(2-Chloroethyl)ether	6.810	93	891437	40.731	ng	98
12) 1,3-Dichlorobenzene	7.245	146	1037169	43.053	ng	98
13) 1,4-Dichlorobenzene	7.393	146	1045142	42.849	ng	99
14) 1,2-Dichlorobenzene	7.698	146	1008306	43.813	ng	98
15) Benzyl Alcohol	7.616	79	829824	45.524	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.881	45	1121477	39.933	ng	99
17) 2-Methylphenol	7.822	107	742919	43.574	ng	98
18) Hexachloroethane	8.410	117	398687	42.197	ng	95
19) n-Nitroso-di-n-propyla...	8.169	70	654872	37.959	ng	98
20) 3+4-Methylphenols	8.151	107	1002810	42.071	ng	99
22) Acetophenone	8.181	105	1275657	42.750	ng	98
24) Nitrobenzene	8.551	77	1013739	41.007	ng	96
25) Isophorone	9.075	82	1863455	43.593	ng	98
26) 2-Nitrophenol	9.245	139	535174	48.883	ng	95
27) 2,4-Dimethylphenol	9.334	122	727317	56.714	ng	100
28) bis(2-Chloroethoxy)met...	9.557	93	1168351	43.438	ng	99
29) 2,4-Dichlorophenol	9.786	162	947537	49.796	ng	98
30) 1,2,4-Trichlorobenzene	9.986	180	987739	45.869	ng	99
31) Naphthalene	10.163	128	2679235	43.506	ng	99
32) Benzoic acid	9.534	122	658003	44.163	ng	97
33) 4-Chloroaniline	10.292	127	733028	30.953	ng	99
34) Hexachlorobutadiene	10.445	225	631868	50.132	ng	100
35) Caprolactam	11.110	113	284080	42.989	ng	92
36) 4-Chloro-3-methylphenol	11.445	107	890448	43.940	ng	99
37) 2-Methylnaphthalene	11.792	142	1937997	44.199	ng	98
38) 1-Methylnaphthalene	12.016	142	1809233	41.751	ng	98
40) 1,2,4,5-Tetrachloroben...	12.175	216	1078464	51.103	ng	99
41) Hexachlorocyclopentadiene	12.145	237	1126361	152.847	ng	99
43) 2,4,6-Trichlorophenol	12.433	196	766884	51.126	ng	99

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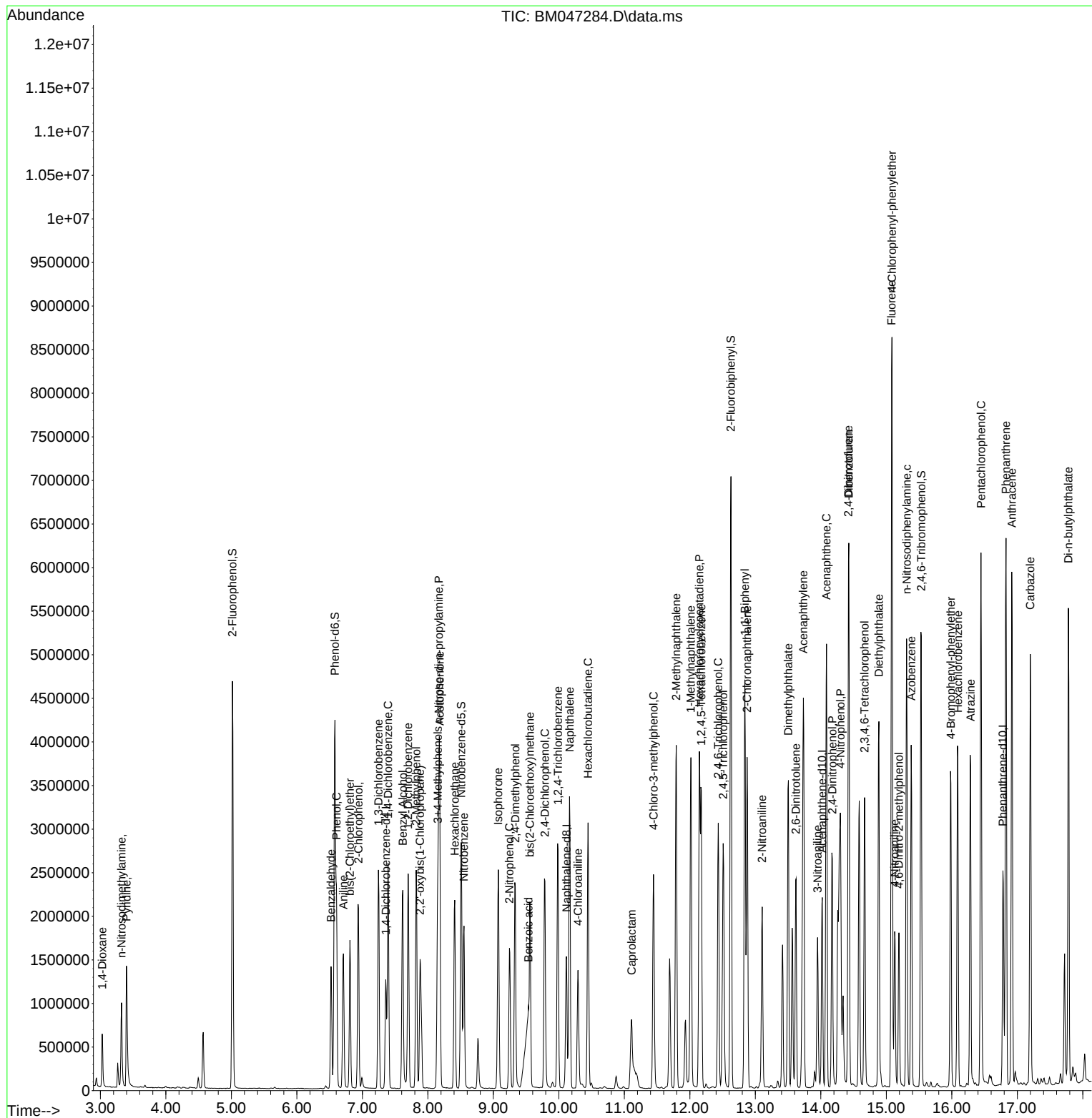
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	815192	48.947	ng	97
46) 1,1'-Biphenyl	12.839	154	2494029	45.278	ng	99
47) 2-Chloronaphthalene	12.874	162	1912224	44.415	ng	99
48) 2-Nitroaniline	13.104	65	577282	42.800	ng	95
49) Acenaphthylene	13.733	152	3073138	48.425	ng	99
50) Dimethylphthalate	13.504	163	2455080	45.432	ng	100
51) 2,6-Dinitrotoluene	13.621	165	548731	43.439	ng	87
52) Acenaphthene	14.086	154	1843525	45.795	ng	99
53) 3-Nitroaniline	13.951	138	446583	35.281	ng	96
54) 2,4-Dinitrophenol	14.174	184	660571	87.250	ng	89
55) Dibenzofuran	14.427	168	2851410	44.843	ng	98
56) 4-Nitrophenol	14.298	139	851997	78.058	ng	97
57) 2,4-Dinitrotoluene	14.421	165	713070	42.292	ng	96
58) Fluorene	15.080	166	2289864	43.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	674965	49.312	ng	94
60) Diethylphthalate	14.886	149	2383029	43.184	ng	98
61) 4-Chlorophenyl-phenyle...	15.086	204	1150401	46.057	ng	95
62) 4-Nitroaniline	15.127	138	480241	38.511	ng	97
63) Azobenzene	15.380	77	2144821	40.993	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	414243	46.877	ng	93
66) n-Nitrosodiphenylamine	15.310	169	1990759	48.425	ng	98
67) 4-Bromophenyl-phenylether	15.986	248	740340	50.903	ng	95
68) Hexachlorobenzene	16.092	284	838860	48.159	ng	94
69) Atrazine	16.286	200	739412	59.771	ng	99
70) Pentachlorophenol	16.445	266	1100011	90.089	ng	98
71) Phenanthrene	16.827	178	3802588	50.201	ng	100
72) Anthracene	16.915	178	3621170	49.132	ng	100
73) Carbazole	17.198	167	3226492	42.875	ng	100
74) Di-n-butylphthalate	17.780	149	4073280	46.519	ng	100
75) Fluoranthene	18.862	202	4503826	48.884	ng	98
77) Benzidine	19.068	184	1799985	103.249	ng	99
78) Pyrene	19.227	202	4591259	62.549	ng	100
80) Butylbenzylphthalate	20.162	149	1632217	54.488	ng	97
81) Benzo(a)anthracene	21.003	228	3522871	51.621	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1133647	53.092	ng	99
83) Chrysene	21.062	228	3296384	50.910	ng	100
84) Bis(2-ethylhexyl)phtha...	20.962	149	2235419	52.620	ng	98
85) Di-n-octyl phthalate	21.992	149	3717068	51.478	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	3951609	52.080	ng	98
88) Benzo(b)fluoranthene	22.874	252	3453258	49.537	ng	99
89) Benzo(k)fluoranthene	22.933	252	3172313	48.179	ng	99
90) Benzo(a)pyrene	23.591	252	3233179	53.540	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	3009194	49.007	ng	99
92) Benzo(g,h,i)perylene	27.650	276	3154582	49.482	ng	98

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

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