

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047542.D
 Acq On : 17 Sep 2024 13:21
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10 ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 17 13:57:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	380364	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1684559	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	956040	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1808861	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1496686	20.000	ng	-0.01
86) Perylene-d12	24.462	264	1402476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2936075	122.905	ng	0.00
7) Phenol-d6	7.010	99	4036487	119.982	ng	0.00
23) Nitrobenzene-d5	8.998	82	2868328	85.214	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1135511	122.878	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	5909234	85.144	ng	0.00
79) Terphenyl-d14	19.827	244	7972634	95.454	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	116892	11.424	ng	100
3) Pyridine	3.722	79	291488	9.570	ng	98
4) n-Nitrosodimethylamine	3.628	42	146416	10.595	ng	# 94
6) Aniline	7.169	93	342409	11.480	ng	97
8) 2-Chlorophenol	7.410	128	254615	9.668	ng	94
9) Benzaldehyde	6.987	77	264128m	16.511	ng	
10) Phenol	7.034	94	332449	9.869	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	272223	10.066	ng	98
12) 1,3-Dichlorobenzene	7.739	146	268505	9.315	ng	97
13) 1,4-Dichlorobenzene	7.881	146	278327	9.480	ng	98
14) 1,2-Dichlorobenzene	8.198	146	269660	9.333	ng	97
15) Benzyl Alcohol	8.081	79	224702	9.860	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	406946	10.697	ng	98
17) 2-Methylphenol	8.281	107	196722	9.142	ng	98
18) Hexachloroethane	8.934	117	113776	9.701	ng	98
19) n-Nitroso-di-n-propyla...	8.651	70	216667	9.552	ng	99
20) 3+4-Methylphenols	8.610	107	269642	8.980	ng	98
22) Acetophenone	8.663	105	423906	9.572	ng	# 97
24) Nitrobenzene	9.039	77	334227	9.663	ng	96
25) Isophorone	9.569	82	571156	9.652	ng	98
26) 2-Nitrophenol	9.751	139	94209	7.993	ng	97
27) 2,4-Dimethylphenol	9.810	122	130284	7.292	ng	99
28) bis(2-Chloroethoxy)met...	10.051	93	355277	9.558	ng	99
29) 2,4-Dichlorophenol	10.286	162	193981	8.546	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	224527	8.635	ng	98
31) Naphthalene	10.692	128	812913	8.935	ng	99
32) Benzoic acid	9.904	122	168323	14.922	ng	99
33) 4-Chloroaniline	10.792	127	313646	9.535	ng	96
34) Hexachlorobutadiene	10.986	225	118601	8.235	ng	96
35) Caprolactam	11.551	113	64740	8.659	ng	93
36) 4-Chloro-3-methylphenol	11.916	107	223090	8.576	ng	97
37) 2-Methylnaphthalene	12.304	142	519382	8.577	ng	98
38) 1-Methylnaphthalene	12.522	142	484934	8.059	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	227096	8.778	ng	98
41) Hexachlorocyclopentadiene	12.657	237	53719	6.352	ng	97
43) 2,4,6-Trichlorophenol	12.910	196	133189	8.218	ng	96

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44) 2,4,5-Trichlorophenol	12.974	196	148748	8.126	ng	98
46) 1,1'-Biphenyl	13.316	154	685440	9.215	ng	99
47) 2-Chloronaphthalene	13.351	162	509819	8.827	ng	98
48) 2-Nitroaniline	13.545	65	145370	8.569	ng	94
49) Acenaphthylene	14.198	152	800766	9.607	ng	99
50) Dimethylphthalate	13.933	163	587833	9.021	ng	100
51) 2,6-Dinitrotoluene	14.039	165	112038	8.145	ng	88
52) Acenaphthene	14.539	154	496725	8.506	ng	98
53) 3-Nitroaniline	14.368	138	133718	8.746	ng	95
54) 2,4-Dinitrophenol	14.574	184	41708	10.495	ng	97
55) Dibenzofuran	14.874	168	726673	8.855	ng	96
56) 4-Nitrophenol	14.668	139	107804	8.568	ng	97
57) 2,4-Dinitrotoluene	14.827	165	145621	7.937	ng	90
58) Fluorene	15.521	166	610980	8.269	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	117335	8.221	ng	94
60) Diethylphthalate	15.298	149	611056	8.811	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	266031	7.875	ng	94
62) 4-Nitroaniline	15.521	138	139660	7.771	ng	94
63) Azobenzene	15.810	77	745618	9.764	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	75136	14.109	ng	95
66) n-Nitrosodiphenylamine	15.727	169	473457	8.556	ng	97
67) 4-Bromophenyl-phenylether	16.410	248	139820	7.955	ng	97
68) Hexachlorobenzene	16.521	284	161878	8.130	ng	91
69) Atrazine	16.674	200	137338	8.980	ng	98
70) Pentachlorophenol	16.862	266	161431	13.986	ng	98
71) Phenanthrene	17.257	178	861981	8.647	ng	99
72) Anthracene	17.345	178	805479	8.410	ng	100
73) Carbazole	17.609	167	802750	8.458	ng	100
74) Di-n-butylphthalate	18.180	149	956476	8.422	ng	99
75) Fluoranthene	19.262	202	855927	7.870	ng	97
77) Benzidine	19.439	184	275492	13.070	ng	99
78) Pyrene	19.621	202	911693	8.351	ng	99
80) Butylbenzylphthalate	20.521	149	340571	8.104	ng	95
81) Benzo(a)anthracene	21.415	228	900015	9.226	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	242101	9.329	ng	# 98
83) Chrysene	21.480	228	821190	8.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	571643	8.683	ng	97
85) Di-n-octyl phthalate	22.497	149	831916	8.933	ng	97
87) Indeno(1,2,3-cd)pyrene	27.879	276	798975	9.519	ng	97
88) Benzo(b)fluoranthene	23.503	252	760836	8.385	ng	98
89) Benzo(k)fluoranthene	23.568	252	803014	8.929	ng	97
90) Benzo(a)pyrene	24.315	252	685001	9.210	ng	# 97
91) Dibenzo(a,h)anthracene	27.932	278	646031	9.149	ng	98
92) Benzo(g,h,i)perylene	28.932	276	610970	8.857	ng	# 93

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

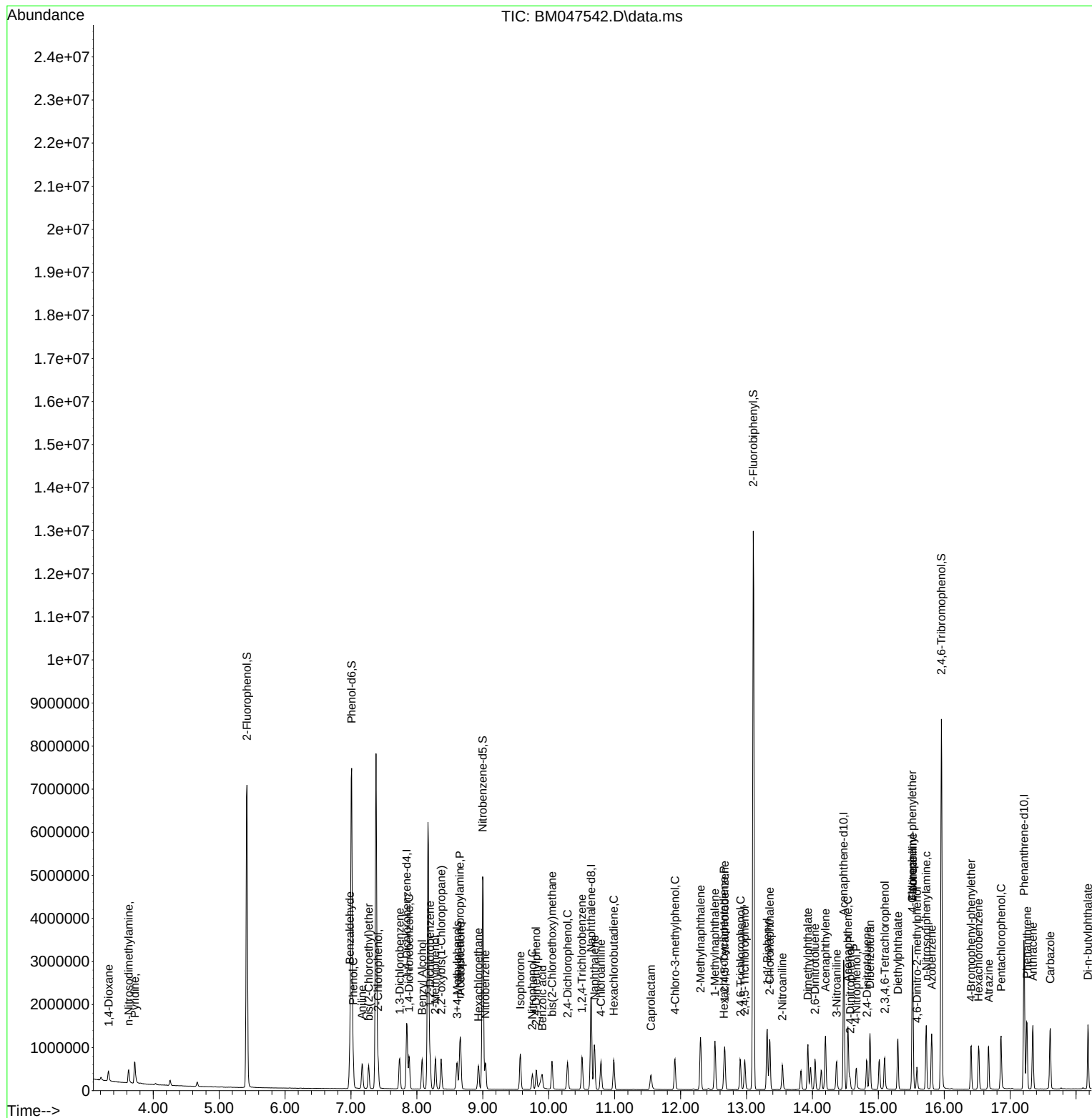
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