

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047546.D
 Acq On : 17 Sep 2024 16:27
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL-4 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: Sep 17 17:32:07 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	410655	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1756932	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1013774	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1928830	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1514587	20.000	ng	-0.01
86) Perylene-d12	24.462	264	1411706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3281586	127.236	ng	0.00
7) Phenol-d6	7.010	99	4501942	123.947	ng	0.00
23) Nitrobenzene-d5	8.998	82	3141265	89.479	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1306540	133.334	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	6471081	87.929	ng	0.00
79) Terphenyl-d14	19.827	244	8026979	94.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	48408	4.382	ng	98
3) Pyridine	3.722	79	119302	3.628	ng	97
4) n-Nitrosodimethylamine	3.628	42	61464	4.120	ng	# 90
6) Aniline	7.169	93	143732	4.464	ng	98
8) 2-Chlorophenol	7.410	128	108677	3.822	ng	97
9) Benzaldehyde	6.981	77	118827m	6.880	ng	
10) Phenol	7.034	94	139900	3.847	ng	97
11) bis(2-Chloroethyl)ether	7.269	93	116331	3.984	ng	99
12) 1,3-Dichlorobenzene	7.740	146	117011	3.760	ng	98
13) 1,4-Dichlorobenzene	7.881	146	116385	3.672	ng	100
14) 1,2-Dichlorobenzene	8.198	146	113004	3.623	ng	98
15) Benzyl Alcohol	8.081	79	93053	3.782	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	173838	4.233	ng	98
17) 2-Methylphenol	8.281	107	80032	3.445	ng	99
18) Hexachloroethane	8.934	117	47471	3.749	ng	97
19) n-Nitroso-di-n-propyla...	8.651	70	90039	3.677	ng	98
20) 3+4-Methylphenols	8.610	107	106352	3.281	ng	97
22) Acetophenone	8.663	105	178293	3.860	ng	# 97
24) Nitrobenzene	9.040	77	148948	4.129	ng	96
25) Isophorone	9.569	82	235386	3.814	ng	100
26) 2-Nitrophenol	9.751	139	35910	2.921	ng	93
27) 2,4-Dimethylphenol	9.810	122	81646m	4.381	ng	
28) bis(2-Chloroethoxy)met...	10.051	93	148954	3.842	ng	99
29) 2,4-Dichlorophenol	10.286	162	73311	3.097	ng	95
30) 1,2,4-Trichlorobenzene	10.504	180	93271	3.439	ng	97
31) Naphthalene	10.692	128	339326	3.576	ng	99
32) Benzoic acid	9.863	122	28338	8.027	ng	97
33) 4-Chloroaniline	10.792	127	127643	3.721	ng	98
34) Hexachlorobutadiene	10.986	225	51008	3.396	ng	97
35) Caprolactam	11.545	113	22858	2.931	ng	# 86
36) 4-Chloro-3-methylphenol	11.910	107	86129	3.175	ng	97
37) 2-Methylnaphthalene	12.298	142	214562	3.397	ng	99
38) 1-Methylnaphthalene	12.522	142	198643	3.165	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	91784	3.346	ng	97
41) Hexachlorocyclopentadiene	12.657	237	19465	2.171	ng	94
43) 2,4,6-Trichlorophenol	12.904	196	49796	2.897	ng	96

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44) 2,4,5-Trichlorophenol	12.975	196	56433	2.907	ng	96
46) 1,1'-Biphenyl	13.310	154	292415	3.707	ng	97
47) 2-Chloronaphthalene	13.351	162	209273	3.417	ng	98
48) 2-Nitroaniline	13.545	65	52452	2.916	ng	92
49) Acenaphthylene	14.198	152	321693	3.640	ng	100
50) Dimethylphthalate	13.927	163	242010	3.502	ng	98
51) 2,6-Dinitrotoluene	14.039	165	42510	2.914	ng	87
52) Acenaphthene	14.539	154	199245	3.217	ng	97
53) 3-Nitroaniline	14.369	138	47884	2.953	ng	# 94
54) 2,4-Dinitrophenol	14.569	184	10333	4.500	ng	89
55) Dibenzofuran	14.874	168	303948	3.493	ng	96
56) 4-Nitrophenol	14.669	139	34474	2.584	ng	96
57) 2,4-Dinitrotoluene	14.821	165	50349	2.588	ng	# 86
58) Fluorene	15.521	166	243720	3.111	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	44994	2.973	ng	94
60) Diethylphthalate	15.292	149	249653	3.395	ng	98
61) 4-Chlorophenyl-phenyle...	15.516	204	107196	2.992	ng	93
62) 4-Nitroaniline	15.521	138	46567	2.443	ng	84
63) Azobenzene	15.810	77	296215	3.658	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	16540	8.604	ng	85
66) n-Nitrosodiphenylamine	15.727	169	192466	3.262	ng	96
67) 4-Bromophenyl-phenylether	16.410	248	58035	3.097	ng	95
68) Hexachlorobenzene	16.521	284	67880	3.197	ng	96
69) Atrazine	16.668	200	52220	3.202	ng	94
70) Pentachlorophenol	16.863	266	28547	2.319	ng	91
71) Phenanthrene	17.251	178	359925	3.386	ng	100
72) Anthracene	17.345	178	318220	3.116	ng	100
73) Carbazole	17.604	167	322791	3.189	ng	98
74) Di-n-butylphthalate	18.180	149	362060	2.990	ng	99
75) Fluoranthene	19.262	202	340546	2.936	ng	97
77) Benzidine	19.439	184	80542	3.776	ng	98
78) Pyrene	19.621	202	354991	3.213	ng	99
80) Butylbenzylphthalate	20.521	149	118673	2.790	ng	94
81) Benzo(a)anthracene	21.415	228	347869	3.524	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	83769	3.190	ng	# 96
83) Chrysene	21.480	228	324688	3.477	ng	97
84) Bis(2-ethylhexyl)phtha...	21.350	149	199409	2.993	ng	96
85) Di-n-octyl phthalate	22.497	149	276631	2.935	ng	# 96
87) Indeno(1,2,3-cd)pyrene	27.874	276	291175	3.447	ng	96
88) Benzo(b)fluoranthene	23.503	252	294898	3.229	ng	99
89) Benzo(k)fluoranthene	23.562	252	299139	3.305	ng	98
90) Benzo(a)pyrene	24.315	252	250412	3.345	ng	99
91) Dibenzo(a,h)anthracene	27.927	278	236726	3.330	ng	96
92) Benzo(g,h,i)perylene	28.932	276	220226	3.172	ng	95

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

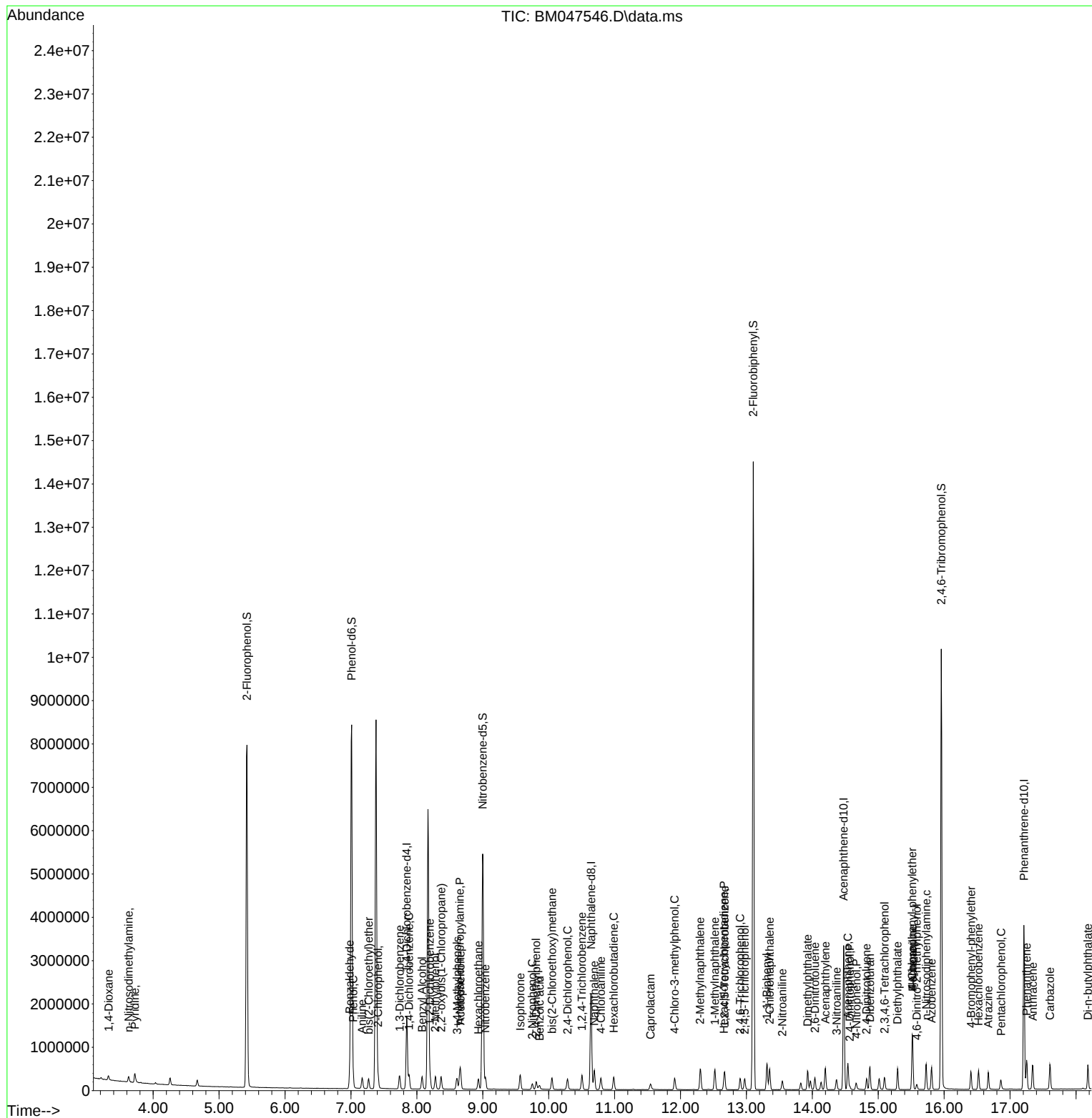
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