

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048236.D
 Acq On : 25 Oct 2024 14:56
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL-8 ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 25 15:38:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	248197	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	994379	20.000	ng	-0.01
39) Acenaphthene-d10	14.363	164	618564	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1213573	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1085827	20.000	ng	-0.01
86) Perylene-d12	24.280	264	1182885	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1838945	124.545	ng	0.00
7) Phenol-d6	6.899	99	2420598	125.881	ng	0.00
23) Nitrobenzene-d5	8.875	82	1620350	92.007	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	942411	124.472	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	3572390	88.622	ng	0.00
79) Terphenyl-d14	19.727	244	4280539	80.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	50352	8.331	ng	99
3) Pyridine	3.610	79	118981	7.411	ng	98
4) n-Nitrosodimethylamine	3.516	42	57442	8.426	ng	# 95
6) Aniline	7.051	93	169748	10.635	ng	99
8) 2-Chlorophenol	7.287	128	137196	8.553	ng	99
9) Benzaldehyde	6.863	77	114403m	12.109	ng	
10) Phenol	6.922	94	161295	8.337	ng	92
11) bis(2-Chloroethyl)ether	7.146	93	129969	8.434	ng	98
12) 1,3-Dichlorobenzene	7.604	146	153980	8.326	ng	99
13) 1,4-Dichlorobenzene	7.751	146	158897	8.457	ng	98
14) 1,2-Dichlorobenzene	8.069	146	151125	8.323	ng	99
15) Benzyl Alcohol	7.963	79	100406	8.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.240	45	204177	9.059	ng	98
17) 2-Methylphenol	8.169	107	97906	7.616	ng	99
18) Hexachloroethane	8.793	117	56731	8.238	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	99701	8.195	ng	98
20) 3+4-Methylphenols	8.498	107	136972	7.691	ng	99
22) Acetophenone	8.540	105	206610	8.514	ng	# 99
24) Nitrobenzene	8.916	77	151859	8.322	ng	100
25) Isophorone	9.445	82	260730	8.077	ng	100
26) 2-Nitrophenol	9.628	139	62797	7.453	ng	96
27) 2,4-Dimethylphenol	9.692	122	56971	5.574	ng	94
28) bis(2-Chloroethoxy)met...	9.922	93	166095	8.131	ng	98
29) 2,4-Dichlorophenol	10.169	162	115902	7.882	ng	97
30) 1,2,4-Trichlorobenzene	10.369	180	136997	8.135	ng	97
31) Naphthalene	10.557	128	422770	8.152	ng	100
32) Benzoic acid	9.792	122	55830	4.907	ng	95
33) 4-Chloroaniline	10.675	127	148910	8.853	ng	99
34) Hexachlorobutadiene	10.845	225	82247	7.880	ng	98
35) Caprolactam	11.457	113	31217	6.535	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	112712	7.343	ng	98
37) 2-Methylnaphthalene	12.175	142	279808	8.075	ng	99
38) 1-Methylnaphthalene	12.392	142	257580	7.496	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	149297	8.444	ng	100
41) Hexachlorocyclopentadiene	12.522	237	30531	5.103	ng	97
43) 2,4,6-Trichlorophenol	12.792	196	89172	7.600	ng	99

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44) 2,4,5-Trichlorophenol	12.875	196	97160	7.426	ng	98
46) 1,1'-Biphenyl	13.192	154	380530	8.616	ng	99
47) 2-Chloronaphthalene	13.233	162	284926	8.182	ng	98
48) 2-Nitroaniline	13.445	65	69589	7.368	ng	98
49) Acenaphthylene	14.080	152	436439	8.591	ng	98
50) Dimethylphthalate	13.822	163	335092	7.935	ng	98
51) 2,6-Dinitrotoluene	13.939	165	67072	7.119	ng	93
52) Acenaphthene	14.422	154	258993	8.023	ng	99
53) 3-Nitroaniline	14.275	138	63511	7.148	ng	98
54) 2,4-Dinitrophenol	14.492	184	27650	5.022	ng	93
55) Dibenzofuran	14.763	168	426740	8.321	ng	99
56) 4-Nitrophenol	14.604	139	46106	5.814	ng	97
57) 2,4-Dinitrotoluene	14.733	165	85488	6.871	ng	93
58) Fluorene	15.410	166	333065	8.213	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	85187	7.855	ng	99
60) Diethylphthalate	15.186	149	325219	7.607	ng	98
61) 4-Chlorophenyl-phenyle...	15.404	204	165867	8.180	ng	98
62) 4-Nitroaniline	15.439	138	57704	6.275	ng	98
63) Azobenzene	15.698	77	309995	8.090	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	43983	6.246	ng	92
66) n-Nitrosodiphenylamine	15.621	169	270934	8.133	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	100327	8.154	ng	97
68) Hexachlorobenzene	16.416	284	119274	8.071	ng	98
69) Atrazine	16.574	200	91176	9.781	ng	98
70) Pentachlorophenol	16.763	266	65750	6.777	ng	97
71) Phenanthrene	17.145	178	509187	8.473	ng	99
72) Anthracene	17.239	178	458948	7.889	ng	100
73) Carbazole	17.510	167	443170	7.771	ng	99
74) Di-n-butylphthalate	18.074	149	525250	7.400	ng	100
75) Fluoranthene	19.162	202	545405	7.609	ng	100
77) Benzidine	19.357	184	132340	10.561	ng	99
78) Pyrene	19.527	202	586500	8.070	ng	99
80) Butylbenzylphthalate	20.421	149	219715	7.229	ng	94
81) Benzo(a)anthracene	21.309	228	566812	8.169	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	188618	7.936	ng	100
83) Chrysene	21.374	228	549478	8.250	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	329863	7.468	ng	100
85) Di-n-octyl phthalate	22.345	149	512221	6.695	ng	98
87) Indeno(1,2,3-cd)pyrene	27.597	276	651633	8.331	ng	99
88) Benzo(b)fluoranthene	23.345	252	542202	7.994	ng	100
89) Benzo(k)fluoranthene	23.409	252	565806	8.629	ng	98
90) Benzo(a)pyrene	24.139	252	493703	8.373	ng	99
91) Dibenzo(a,h)anthracene	27.644	278	540054	8.291	ng	97
92) Benzo(g,h,i)perylene	28.632	276	514981	7.721	ng	97

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

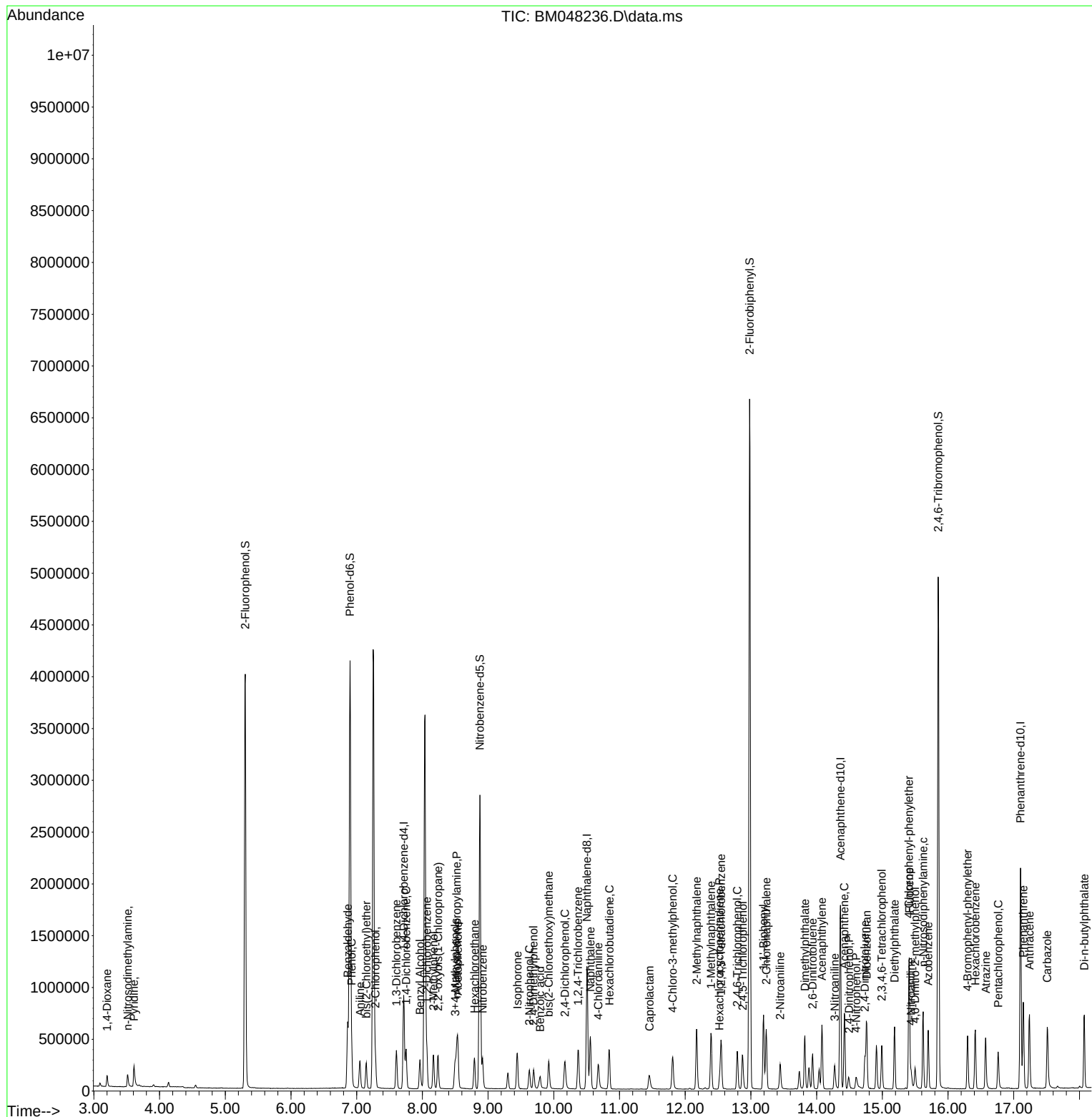
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