

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048223.D
 Acq On : 24 Oct 2024 19:07
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-04 ng
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Oct 24 23:59:04 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 10/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	240266	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	973832	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	618085	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1239411	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1203213	20.000	ng	0.00
86) Perylene-d12	24.286	264	1368076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1530715	107.092	ng	0.00
7) Phenol-d6	6.899	99	1985064	106.639	ng	0.00
23) Nitrobenzene-d5	8.875	82	1284183	74.457	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	798826	105.589	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	2879172	71.480	ng	0.00
79) Terphenyl-d14	19.733	244	3710857	62.939	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	22506	3.847	ng	97
3) Pyridine	3.617	79	46681	3.003	ng	95
4) n-Nitrosodimethylamine	3.517	42	23142	3.507	ng	# 95
6) Aniline	7.052	93	68739	4.449	ng	99
8) 2-Chlorophenol	7.287	128	56901	3.664	ng	98
9) Benzaldehyde	6.863	77	49360m	5.397	ng	
10) Phenol	6.922	94	67832	3.622	ng	84
11) bis(2-Chloroethyl)ether	7.146	93	52157	3.496	ng	97
12) 1,3-Dichlorobenzene	7.610	146	63527	3.548	ng	98
13) 1,4-Dichlorobenzene	7.752	146	64389	3.540	ng	98
14) 1,2-Dichlorobenzene	8.069	146	62666	3.565	ng	96
15) Benzyl Alcohol	7.969	79	40063	3.374	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	81753	3.747	ng	99
17) 2-Methylphenol	8.169	107	40425	3.248	ng	96
18) Hexachloroethane	8.793	117	22853	3.428	ng	100
19) n-Nitroso-di-n-propyla...	8.522	70	39700	3.371	ng	99
20) 3+4-Methylphenols	8.505	107	52753	3.060	ng	96
22) Acetophenone	8.540	105	83521	3.514	ng	# 97
24) Nitrobenzene	8.916	77	64824	3.627	ng	96
25) Isophorone	9.446	82	104462	3.304	ng	97
26) 2-Nitrophenol	9.634	139	24316	2.947	ng	93
27) 2,4-Dimethylphenol	9.699	122	22441	2.242	ng	98
28) bis(2-Chloroethoxy)met...	9.928	93	65148	3.257	ng	99
29) 2,4-Dichlorophenol	10.181	162	42960	2.983	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	56196	3.407	ng	99
31) Naphthalene	10.557	128	173627	3.418	ng	100
32) Benzoic acid	9.787	122	17384	1.560	ng	95
33) 4-Chloroaniline	10.687	127	58142	3.530	ng	97
34) Hexachlorobutadiene	10.846	225	33308	3.258	ng	91
35) Caprolactam	11.457	113	12063	2.579	ng	93
36) 4-Chloro-3-methylphenol	11.816	107	44469	2.958	ng	95
37) 2-Methylnaphthalene	12.181	142	112725	3.322	ng	98
38) 1-Methylnaphthalene	12.398	142	107236	3.187	ng	99
40) 1,2,4,5-Tetrachloroben...	12.551	216	60164	3.406	ng	98
41) Hexachlorocyclopentadiene	12.528	237	11533	1.929	ng	95
43) 2,4,6-Trichlorophenol	12.798	196	34524	2.945	ng	99

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44) 2,4,5-Trichlorophenol	12.881	196	37505	2.869	ng	96
46) 1,1'-Biphenyl	13.192	154	159415	3.612	ng	99
47) 2-Chloronaphthalene	13.234	162	116714	3.354	ng	98
48) 2-Nitroaniline	13.451	65	25594	2.712	ng	98
49) Acenaphthylene	14.081	152	179120	3.528	ng	99
50) Dimethylphthalate	13.822	163	139085	3.296	ng	99
51) 2,6-Dinitrotoluene	13.939	165	25158	2.672	ng	# 87
52) Acenaphthene	14.428	154	107547	3.334	ng	96
53) 3-Nitroaniline	14.281	138	22680	2.554	ng	# 99
54) 2,4-Dinitrophenol	14.492	184	8836	1.606	ng	89
55) Dibenzofuran	14.763	168	176072	3.436	ng	99
56) 4-Nitrophenol	14.616	139	14419	1.820	ng	99
57) 2,4-Dinitrotoluene	14.739	165	31129	2.504	ng	88
58) Fluorene	15.410	166	136841	3.377	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	35382	3.265	ng	99
60) Diethylphthalate	15.186	149	135739	3.177	ng	98
61) 4-Chlorophenyl-phenyle...	15.404	204	68147	3.363	ng	98
62) 4-Nitroaniline	15.445	138	19985	2.175	ng	99
63) Azobenzene	15.698	77	119611	3.124	ng	97
65) 4,6-Dinitro-2-methylph...	15.510	198	14849	2.065	ng	92
66) n-Nitrosodiphenylamine	15.622	169	111602	3.280	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	41571	3.308	ng	97
68) Hexachlorobenzene	16.416	284	50789	3.365	ng	99
69) Atrazine	16.575	200	38394	4.033	ng	97
70) Pentachlorophenol	16.769	266	26260	2.650	ng	96
71) Phenanthrene	17.145	178	216802	3.533	ng	99
72) Anthracene	17.239	178	190638	3.209	ng	98
73) Carbazole	17.516	167	182266	3.130	ng	100
74) Di-n-butylphthalate	18.074	149	216482	2.986	ng	99
75) Fluoranthene	19.169	202	240059	3.279	ng	99
77) Benzidine	19.357	184	45265m	3.260	ng	
78) Pyrene	19.527	202	251574	3.124	ng	98
80) Butylbenzylphthalate	20.427	149	94302	2.800	ng	97
81) Benzo(a)anthracene	21.315	228	259064	3.369	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	78741	2.990	ng	100
83) Chrysene	21.374	228	257998	3.496	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	148901	3.042	ng	98
85) Di-n-octyl phthalate	22.351	149	223437	2.636	ng	# 98
87) Indeno(1,2,3-cd)pyrene	27.603	276	302168	3.340	ng	99
88) Benzo(b)fluoranthene	23.351	252	251080	3.201	ng	100
89) Benzo(k)fluoranthene	23.415	252	263247	3.471	ng	98
90) Benzo(a)pyrene	24.145	252	227945	3.343	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	249281	3.309	ng	98
92) Benzo(g,h,i)perylene	28.639	276	240917	3.123	ng	99

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

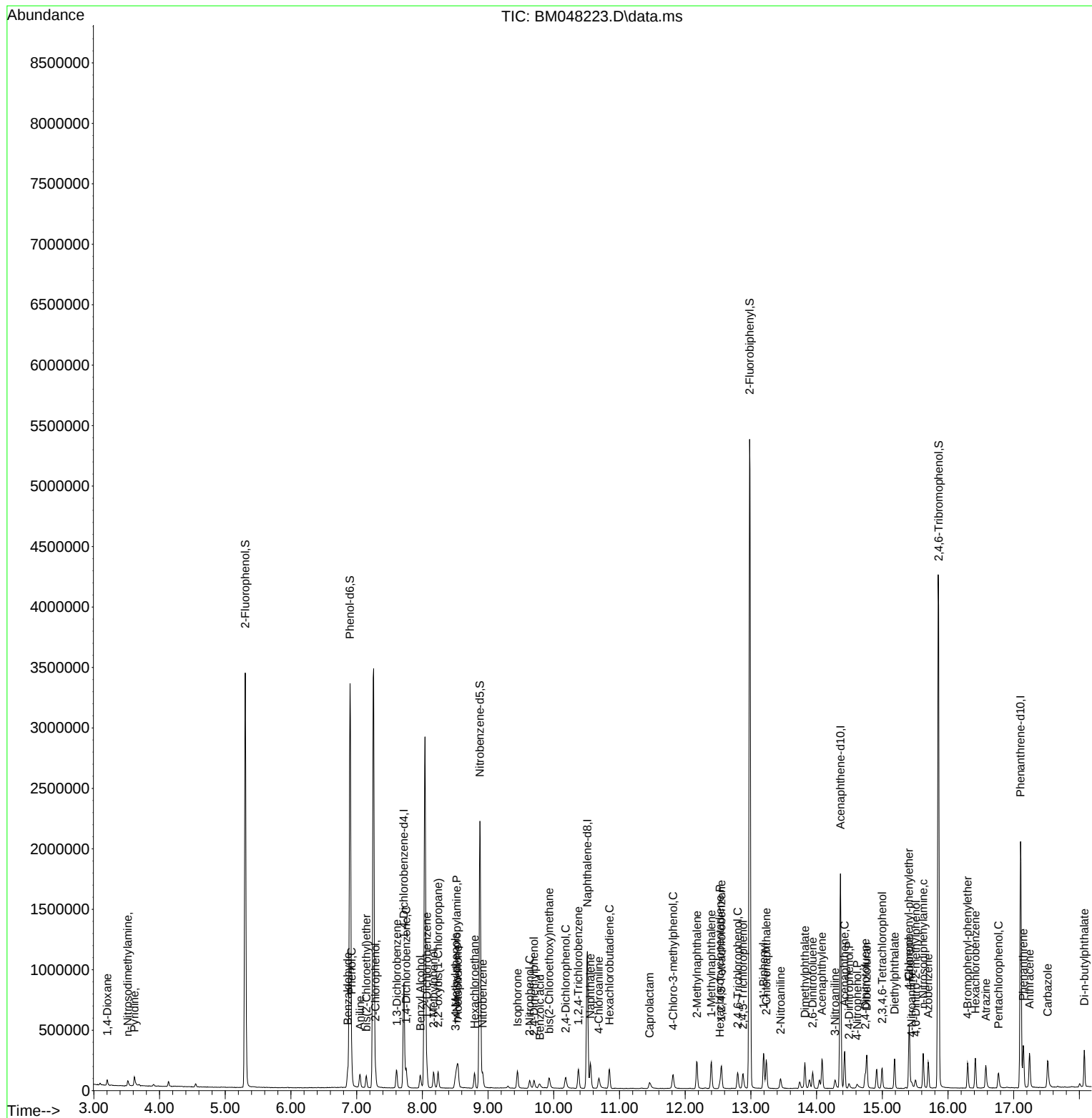
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