

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048224.D
 Acq On : 24 Oct 2024 19:46
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-08 ng
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 24 23:59:46 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	202020	20.000	ng	0.00	
21) Naphthalene-d8	10.510	136	806769	20.000	ng	0.00	
39) Acenaphthene-d10	14.363	164	512127	20.000	ng	0.00	
64) Phenanthrene-d10	17.104	188	1028987	20.000	ng	0.00	
76) Chrysene-d12	21.333	240	986189	20.000	ng	0.00	
86) Perylene-d12	24.280	264	1095157	20.000	ng	-0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1497581	124.609	ng	0.00	
7) Phenol-d6	6.899	99	1948356	124.483	ng	0.00	
23) Nitrobenzene-d5	8.875	82	1308841	91.601	ng	0.00	
42) 2,4,6-Tribromophenol	15.857	330	798759	127.425	ng	0.00	
45) 2-Fluorobiphenyl	12.980	172	2929776	87.785	ng	0.00	
79) Terphenyl-d14	19.733	244	3793403	78.497	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.205	88	43498	8.842	ng		Qvalue 99
3) Pyridine	3.611	79	97003	7.423	ng		94
4) n-Nitrosodimethylamine	3.516	42	45444	8.190	ng	#	94
6) Aniline	7.051	93	137795	10.606	ng		97
8) 2-Chlorophenol	7.287	128	110783	8.485	ng		98
9) Benzaldehyde	6.863	77	89569m	11.648	ng		
10) Phenol	6.922	94	131925	8.378	ng		94
11) bis(2-Chloroethyl)ether	7.146	93	105071	8.377	ng		98
12) 1,3-Dichlorobenzene	7.604	146	125195	8.317	ng		100
13) 1,4-Dichlorobenzene	7.751	146	127418	8.332	ng		98
14) 1,2-Dichlorobenzene	8.069	146	122801	8.309	ng		99
15) Benzyl Alcohol	7.963	79	81941	8.206	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	163447	8.909	ng		98
17) 2-Methylphenol	8.169	107	78960	7.546	ng		98
18) Hexachloroethane	8.793	117	46799	8.349	ng		97
19) n-Nitroso-di-n-propyla...	8.522	70	81468	8.227	ng		97
20) 3+4-Methylphenols	8.498	107	110260	7.607	ng		99
22) Acetophenone	8.540	105	166462	8.454	ng	#	97
24) Nitrobenzene	8.916	77	123294	8.328	ng		98
25) Isophorone	9.445	82	210746	8.047	ng		100
26) 2-Nitrophenol	9.628	139	50429	7.377	ng	#	90
27) 2,4-Dimethylphenol	9.698	122	48425	5.839	ng		97
28) bis(2-Chloroethoxy)met...	9.928	93	134714	8.128	ng		99
29) 2,4-Dichlorophenol	10.175	162	93862	7.868	ng		96
30) 1,2,4-Trichlorobenzene	10.375	180	108976	7.976	ng		98
31) Naphthalene	10.557	128	344719	8.192	ng		98
32) Benzoic acid	9.792	122	44951m	4.869	ng		
33) 4-Chloroaniline	10.681	127	115949	8.496	ng		98
34) Hexachlorobutadiene	10.845	225	66730	7.880	ng		97
35) Caprolactam	11.451	113	26188	6.758	ng		94
36) 4-Chloro-3-methylphenol	11.810	107	93377	7.498	ng		98
37) 2-Methylnaphthalene	12.175	142	225581	8.024	ng		97
38) 1-Methylnaphthalene	12.398	142	212516	7.623	ng		96
40) 1,2,4,5-Tetrachloroben...	12.551	216	122086	8.341	ng		99
41) Hexachlorocyclopentadiene	12.528	237	26992	5.449	ng		98
43) 2,4,6-Trichlorophenol	12.798	196	74343	7.653	ng		98

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44) 2,4,5-Trichlorophenol	12.875	196	80052	7.390	ng	99
46) 1,1'-Biphenyl	13.192	154	312455	8.545	ng	100
47) 2-Chloronaphthalene	13.233	162	233281	8.092	ng	99
48) 2-Nitroaniline	13.445	65	57047	7.296	ng	95
49) Acenaphthylene	14.086	152	363233	8.636	ng	99
50) Dimethylphthalate	13.822	163	282775	8.088	ng	99
51) 2,6-Dinitrotoluene	13.939	165	55998	7.178	ng	94
52) Acenaphthene	14.427	154	214069	8.010	ng	100
53) 3-Nitroaniline	14.275	138	52361	7.118	ng	# 99
54) 2,4-Dinitrophenol	14.492	184	23254	5.101	ng	94
55) Dibenzofuran	14.763	168	355716	8.378	ng	99
56) 4-Nitrophenol	14.604	139	38542	5.870	ng	91
57) 2,4-Dinitrotoluene	14.739	165	70294	6.824	ng	96
58) Fluorene	15.410	166	274051	8.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	71261	7.937	ng	98
60) Diethylphthalate	15.186	149	277315	7.834	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	136366	8.123	ng	96
62) 4-Nitroaniline	15.439	138	45322	5.953	ng	97
63) Azobenzene	15.698	77	256707	8.091	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	36526	6.118	ng	98
66) n-Nitrosodiphenylamine	15.621	169	229883	8.138	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	83062	7.962	ng	98
68) Hexachlorobenzene	16.416	284	101245	8.080	ng	98
69) Atrazine	16.574	200	77936	9.861	ng	98
70) Pentachlorophenol	16.768	266	56588	6.879	ng	97
71) Phenanthrene	17.145	178	433127	8.501	ng	99
72) Anthracene	17.239	178	396175	8.032	ng	100
73) Carbazole	17.515	167	380560	7.870	ng	99
74) Di-n-butylphthalate	18.074	149	452799	7.523	ng	100
75) Fluoranthene	19.162	202	482163	7.933	ng	99
77) Benzidine	19.357	184	111484	9.795	ng	99
78) Pyrene	19.527	202	511845	7.754	ng	99
80) Butylbenzylphthalate	20.427	149	198436	7.189	ng	99
81) Benzo(a)anthracene	21.315	228	512485	8.132	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	175189	8.116	ng	99
83) Chrysene	21.374	228	500017	8.266	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	308316	7.685	ng	100
85) Di-n-octyl phthalate	22.350	149	481409	6.928	ng	# 98
87) Indeno(1,2,3-cd)pyrene	27.597	276	601163	8.301	ng	99
88) Benzo(b)fluoranthene	23.350	252	507941	8.089	ng	100
89) Benzo(k)fluoranthene	23.409	252	515437	8.490	ng	99
90) Benzo(a)pyrene	24.144	252	460929	8.443	ng	98
91) Dibenzo(a,h)anthracene	27.650	278	498766	8.270	ng	99
92) Benzo(g,h,i)perylene	28.632	276	479020	7.757	ng	98

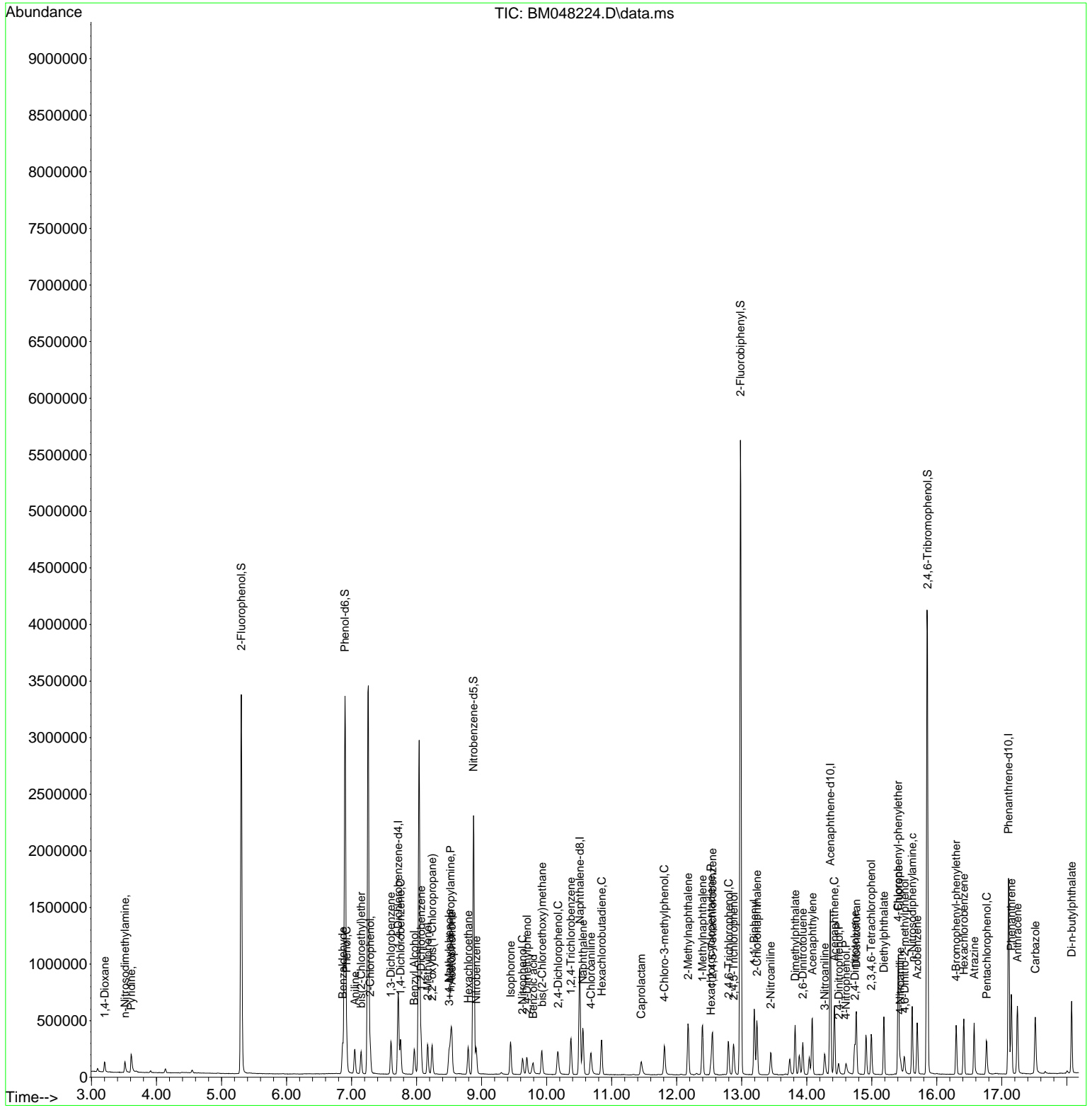
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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