Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
Data File : BM048235.D
Acq On : 25 Oct 2024 14:17
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL-4 ng
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 25 15:37:43 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

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

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	304315	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1250763	20.000	ng		-0.01
39) Acenaphthene-d10	14.363	164	802338	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1572652	20.000	ng		0.00
76) Chrysene-d12	21.327	240	1387154	20.000	ng		-0.01
86) Perylene-d12	24.280	264	1501452	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1913150	105.677	ng		0.00
7) Phenol-d6	6.898	99	2538629	107.674	ng		0.00
23) Nitrobenzene-d5	8.875	82	1658884	74.887	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	1014740	103.327	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	3707324	70.904	ng		0.00
79) Terphenyl-d14	19.733	244	4430772	65.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	26656	3.597	ng		97
3) Pyridine	3.616	79	57541	2.923	ng	#	95
4) n-Nitrosodimethylamine	3.516	42	29298	3.505	ng	#	87
6) Aniline	7.051	93	86774	4.434	ng		97
8) 2-Chlorophenol	7.287	128	72192	3.670	ng		97
9) Benzaldehyde	6.857	77	59619m	5.147	ng		
10) Phenol	6.922	94	85583	3.608	ng		89
11) bis(2-Chloroethyl)ether	7.145	93	71003	3.758	ng		100
12) 1,3-Dichlorobenzene	7.604	146	81047	3.574	ng		98
13) 1,4-Dichlorobenzene	7.751	146	81984	3.559	ng		100
14) 1,2-Dichlorobenzene	8.069	146	78643	3.532	ng		97
15) Benzyl Alcohol	7.963	79	51619	3.432	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.239	45	107062	3.874	ng		98
17) 2-Methylphenol	8.169	107	51159	3.246	ng		97
18) Hexachloroethane	8.792	117	29190	3.457	ng		96
19) n-Nitroso-di-n-propyla...	8.522	70	51128	3.428	ng		97
20) 3+4-Methylphenols	8.498	107	68064	3.117	ng		96
22) Acetophenone	8.539	105	107919	3.535	ng	#	98
24) Nitrobenzene	8.916	77	83611	3.643	ng		96
25) Isophorone	9.445	82	133834	3.296	ng		99
26) 2-Nitrophenol	9.628	139	30918	2.917	ng		94
27) 2,4-Dimethylphenol	9.698	122	27022	2.102	ng		94
28) bis(2-Chloroethoxy)met...	9.922	93	85355	3.322	ng		97
29) 2,4-Dichlorophenol	10.175	162	56626	3.062	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	73285	3.460	ng		99
31) Naphthalene	10.557	128	225686	3.460	ng		99
32) Benzoic acid	9.781	122	22589	1.578	ng		97
33) 4-Chloroaniline	10.680	127	72734	3.438	ng		97
34) Hexachlorobutadiene	10.845	225	44086	3.358	ng		100
35) Caprolactam	11.457	113	15800	2.630	ng		95
36) 4-Chloro-3-methylphenol	11.810	107	56709	2.937	ng		94
37) 2-Methylnaphthalene	12.174	142	145641	3.341	ng		98
38) 1-Methylnaphthalene	12.392	142	139971	3.239	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	78559	3.426	ng		98
41) Hexachlorocyclopentadiene	12.527	237	13935	1.796	ng		97
43) 2,4,6-Trichlorophenol	12.792	196	45242	2.973	ng		97

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44) 2,4,5-Trichlorophenol	12.874	196	50270	2.962	ng		96
46) 1,1'-Biphenyl	13.192	154	206192	3.599	ng		98
47) 2-Chloronaphthalene	13.233	162	149411	3.308	ng		98
48) 2-Nitroaniline	13.445	65	33644	2.746	ng		91
49) Acenaphthylene	14.080	152	228738	3.471	ng		100
50) Dimethylphthalate	13.821	163	178689	3.262	ng		99
51) 2,6-Dinitrotoluene	13.939	165	34974	2.862	ng		90
52) Acenaphthene	14.427	154	140453	3.354	ng		99
53) 3-Nitroaniline	14.280	138	29932	2.597	ng	#	92
54) 2,4-Dinitrophenol	14.492	184	11920	1.669	ng		97
55) Dibenzofuran	14.763	168	229366	3.448	ng		100
56) 4-Nitrophenol	14.610	139	19469	1.893	ng	#	83
57) 2,4-Dinitrotoluene	14.739	165	41191	2.552	ng		94
58) Fluorene	15.410	166	176864	3.362	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.992	232	45618	3.243	ng		99
60) Diethylphthalate	15.186	149	173897	3.136	ng		98
61) 4-Chlorophenyl-phenyle...	15.404	204	89704	3.411	ng		97
62) 4-Nitroaniline	15.439	138	26982	2.262	ng		92
63) Azobenzene	15.698	77	157880	3.176	ng		99
65) 4,6-Dinitro-2-methylph...	15.504	198	18982	2.080	ng		91
66) n-Nitrosodiphenylamine	15.621	169	142186	3.293	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	52568	3.297	ng		96
68) Hexachlorobenzene	16.415	284	64305	3.358	ng		99
69) Atrazine	16.574	200	47714	3.950	ng		98
70) Pentachlorophenol	16.768	266	32464	2.582	ng		97
71) Phenanthrene	17.145	178	274126	3.520	ng		99
72) Anthracene	17.239	178	245854	3.261	ng		100
73) Carbazole	17.515	167	227146	3.074	ng		98
74) Di-n-butylphthalate	18.074	149	270595	2.942	ng		99
75) Fluoranthene	19.162	202	292084	3.144	ng		99
77) Benzidine	19.356	184	36772	2.297	ng	#	94
78) Pyrene	19.527	202	306418	3.300	ng		99
80) Butylbenzylphthalate	20.421	149	106343	2.739	ng		93
81) Benzo(a)anthracene	21.309	228	299845	3.383	ng		100
82) 3,3'-Dichlorobenzidine	21.244	252	87910	2.895	ng		95
83) Chrysene	21.374	228	291311	3.424	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	159647	2.829	ng		99
85) Di-n-octyl phthalate	22.344	149	235728	2.412	ng	#	94
87) Indeno(1,2,3-cd)pyrene	27.597	276	327561	3.299	ng		99
88) Benzo(b)fluoranthene	23.344	252	280420	3.257	ng		99
89) Benzo(k)fluoranthene	23.409	252	281963	3.388	ng		99
90) Benzo(a)pyrene	24.138	252	247747	3.310	ng		98
91) Dibenzo(a,h)anthracene	27.656	278	267676	3.237	ng		97
92) Benzo(g,h,i)perylene	28.632	276	256082	3.025	ng		100

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

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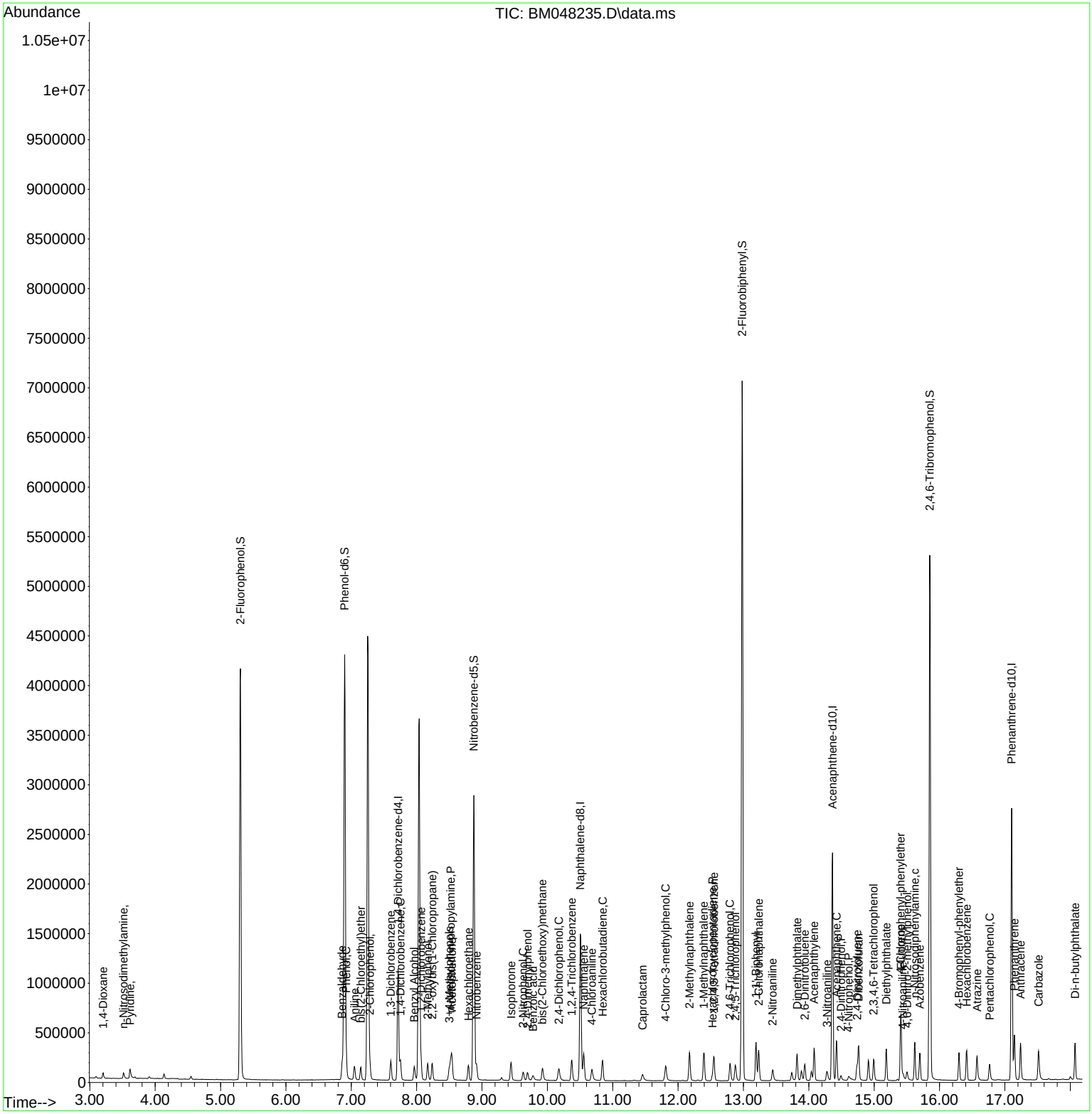

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