Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048221.D
Acq On : 24 Oct 2024 17:48
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-05 ng
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 24 18:25:24 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 :
LOQ-SOIL-02-QT4-2024

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	200778	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	794478	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	501625	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1024259	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1016626	20.000	ng		0.00
86) Perylene-d12	24.285	264	1127493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1157186	96.881	ng		0.00
7) Phenol-d6	6.898	99	1535110	98.687	ng		0.00
23) Nitrobenzene-d5	8.875	82	1026832	72.976	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	629420	102.513	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	2387527	73.036	ng		0.00
79) Terphenyl-d14	19.733	244	3419322	68.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	26051	5.328	ng		97
3) Pyridine	3.616	79	54342	4.184	ng		98
4) n-Nitrosodimethylamine	3.516	42	26279	4.765	ng	#	95
6) Aniline	7.051	93	80457	6.231	ng		98
8) 2-Chlorophenol	7.287	128	67461	5.199	ng		97
9) Benzaldehyde	6.863	77	53688m	7.025	ng		
10) Phenol	6.922	94	80418	5.138	ng		92
11) bis(2-Chloroethyl)ether	7.145	93	63685	5.109	ng		99
12) 1,3-Dichlorobenzene	7.610	146	76052	5.083	ng		98
13) 1,4-Dichlorobenzene	7.751	146	78304	5.152	ng		96
14) 1,2-Dichlorobenzene	8.069	146	74132	5.047	ng		98
15) Benzyl Alcohol	7.969	79	48473	4.884	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.239	45	99483	5.456	ng		99
17) 2-Methylphenol	8.169	107	48692	4.682	ng		97
18) Hexachloroethane	8.792	117	28206	5.063	ng		96
19) n-Nitroso-di-n-propyla...	8.528	70	49162	4.996	ng		97
20) 3+4-Methylphenols	8.504	107	62948	4.370	ng		93
22) Acetophenone	8.539	105	101332	5.226	ng		98
24) Nitrobenzene	8.916	77	75177	5.157	ng		99
25) Isophorone	9.445	82	129343	5.015	ng		100
26) 2-Nitrophenol	9.633	139	29248	4.345	ng		99
27) 2,4-Dimethylphenol	9.698	122	26221m	3.211	ng		
28) bis(2-Chloroethoxy)met...	9.928	93	79621	4.878	ng		98
29) 2,4-Dichlorophenol	10.181	162	52835	4.497	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	67450	5.013	ng		96
31) Naphthalene	10.557	128	207204	5.000	ng		99
32) Benzoic acid	9.781	122	30653m	3.372	ng		
33) 4-Chloroaniline	10.681	127	68357	5.086	ng		100
34) Hexachlorobutadiene	10.845	225	39850	4.779	ng		94
35) Caprolactam	11.457	113	15615	4.092	ng		99
36) 4-Chloro-3-methylphenol	11.816	107	55892	4.557	ng		97
37) 2-Methylnaphthalene	12.175	142	136286	4.923	ng		100
38) 1-Methylnaphthalene	12.398	142	130751	4.763	ng		96
40) 1,2,4,5-Tetrachloroben...	12.551	216	73446	5.123	ng		99
41) Hexachlorocyclopentadiene	12.527	237	7359	1.517	ng		94
43) 2,4,6-Trichlorophenol	12.798	196	42852	4.504	ng		95

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44) 2,4,5-Trichlorophenol	12.880	196	47856	4.510	ng		98
46) 1,1'-Biphenyl	13.192	154	192778	5.383	ng		98
47) 2-Chloronaphthalene	13.233	162	140982	4.992	ng		97
48) 2-Nitroaniline	13.451	65	33065	4.317	ng		92
49) Acenaphthylene	14.086	152	218256	5.298	ng		99
50) Dimethylphthalate	13.821	163	172767	5.045	ng		99
51) 2,6-Dinitrotoluene	13.939	165	32471	4.250	ng	#	84
52) Acenaphthene	14.427	154	130756	4.995	ng		96
53) 3-Nitroaniline	14.280	138	28593	3.968	ng		93
54) 2,4-Dinitrophenol	14.492	184	13083	2.930	ng		87
55) Dibenzofuran	14.763	168	218914	5.264	ng		99
56) 4-Nitrophenol	14.616	139	20117	3.128	ng	#	87
57) 2,4-Dinitrotoluene	14.739	165	39425	3.907	ng		96
58) Fluorene	15.410	166	170696	5.190	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	43663	4.965	ng		99
60) Diethylphthalate	15.186	149	170511	4.918	ng		99
61) 4-Chlorophenyl-phenyle...	15.410	204	86338	5.251	ng		93
62) 4-Nitroaniline	15.445	138	26756	3.588	ng		93
63) Azobenzene	15.698	77	152834	4.918	ng		99
65) 4,6-Dinitro-2-methylph...	15.504	198	19657	3.308	ng		92
66) n-Nitrosodiphenylamine	15.621	169	138508	4.926	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	50202	4.834	ng		97
68) Hexachlorobenzene	16.415	284	61880	4.961	ng		97
69) Atrazine	16.574	200	47240	6.004	ng		94
70) Pentachlorophenol	16.768	266	33406	4.080	ng		98
71) Phenanthrene	17.145	178	268173	5.287	ng		100
72) Anthracene	17.239	178	225732	4.598	ng		98
73) Carbazole	17.515	167	226829	4.713	ng		100
74) Di-n-butylphthalate	18.074	149	280013	4.674	ng		100
75) Fluoranthene	19.168	202	300940	4.974	ng		97
77) Benzidine	19.356	184	44015	3.751	ng		99
78) Pyrene	19.527	202	320612	4.712	ng		100
80) Butylbenzylphthalate	20.427	149	121797	4.280	ng		97
81) Benzo(a)anthracene	21.315	228	324336	4.992	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	102393	4.601	ng		100
83) Chrysene	21.374	228	320783	5.144	ng		98
84) Bis(2-ethylhexyl)phtha...	21.239	149	190400	4.604	ng		99
85) Di-n-octyl phthalate	22.350	149	293898	4.103	ng		98
87) Indeno(1,2,3-cd)pyrene	27.609	276	378787	5.080	ng		99
88) Benzo(b)fluoranthene	23.350	252	317381	4.910	ng		100
89) Benzo(k)fluoranthene	23.415	252	332984	5.328	ng		99
90) Benzo(a)pyrene	24.144	252	284881	5.069	ng		98
91) Dibenzo(a,h)anthracene	27.656	278	315724	5.085	ng		99
92) Benzo(g,h,i)perylene	28.644	276	304231	4.785	ng		98

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

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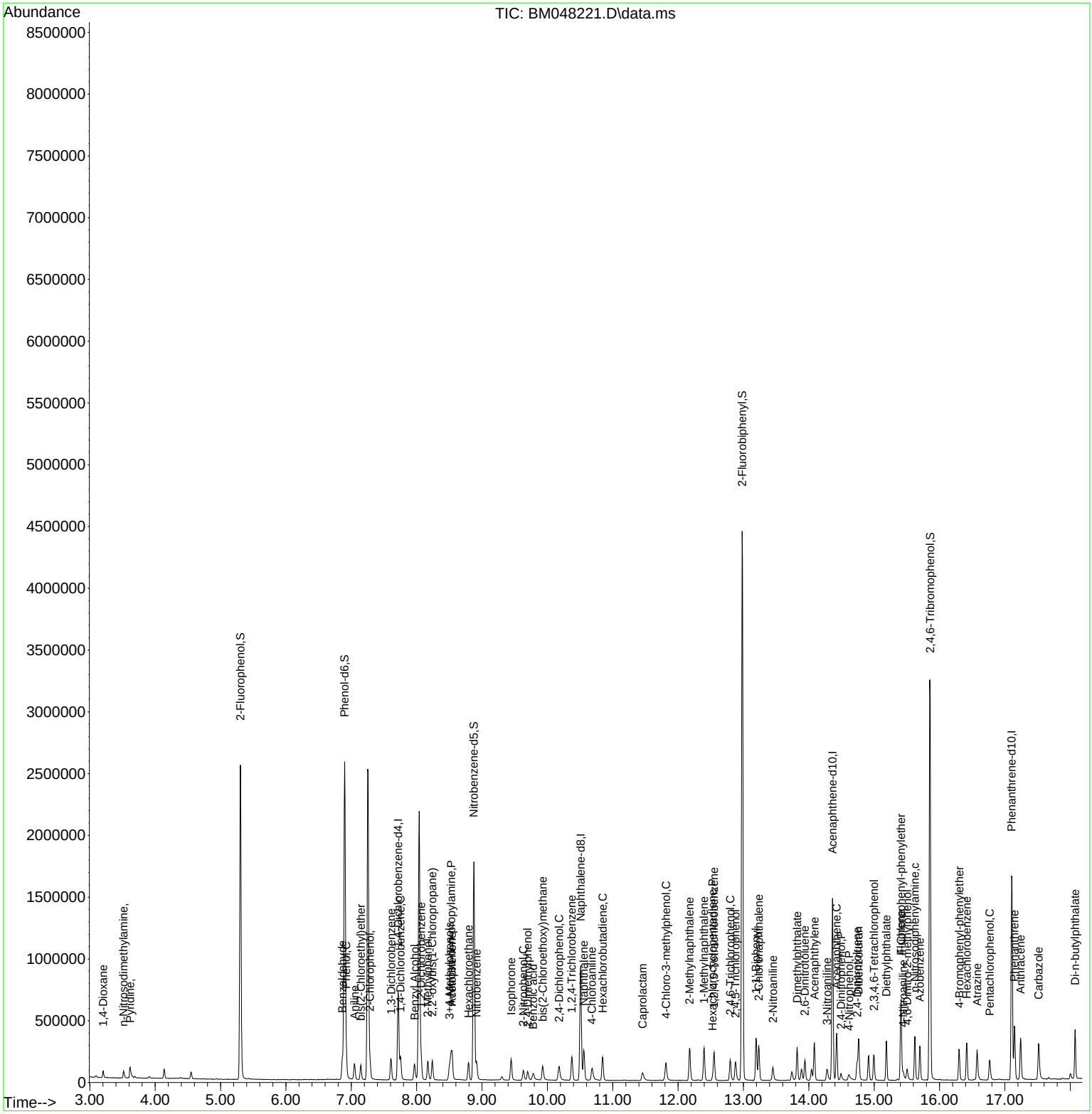

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