Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048216.D
Acq On : 24 Oct 2024 14:30
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-05 ng
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 15:06:52 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	7.722	152	190081	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	760664	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	481809	20.000	ng		0.00
64) Phenanthrene-d10	17.109	188	989269	20.000	ng		0.00
76) Chrysene-d12	21.333	240	958330	20.000	ng		0.00
86) Perylene-d12	24.285	264	1057061	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1262416	111.639	ng		0.00
7) Phenol-d6	6.898	99	1673832	113.660	ng		0.00
23) Nitrobenzene-d5	8.875	82	1097558	81.470	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	677396	114.864	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	2570014	81.851	ng		0.00
79) Terphenyl-d14	19.733	244	3605141	76.770	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	26762	5.782	ng		99
3) Pyridine	3.616	79	61741	5.021	ng		95
4) n-Nitrosodimethylamine	3.516	42	29227	5.598	ng	#	99
6) Aniline	7.051	93	88128	7.209	ng		99
8) 2-Chlorophenol	7.287	128	73694	5.999	ng		95
9) Benzaldehyde	6.863	77	58689m	8.111	ng		
10) Phenol	6.928	94	87766	5.924	ng		97
11) bis(2-Chloroethyl)ether	7.145	93	69626	5.900	ng		99
12) 1,3-Dichlorobenzene	7.610	146	82078	5.795	ng		97
13) 1,4-Dichlorobenzene	7.757	146	84279	5.857	ng		99
14) 1,2-Dichlorobenzene	8.069	146	80532	5.791	ng		98
15) Benzyl Alcohol	7.969	79	51686	5.501	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.239	45	107320	6.217	ng		99
17) 2-Methylphenol	8.175	107	52204	5.302	ng		96
18) Hexachloroethane	8.792	117	29561	5.605	ng		98
19) n-Nitroso-di-n-propyla...	8.528	70	52164	5.599	ng		99
20) 3+4-Methylphenols	8.504	107	70011	5.133	ng		96
22) Acetophenone	8.545	105	110455	5.950	ng	#	98
24) Nitrobenzene	8.922	77	79841	5.720	ng		99
25) Isophorone	9.445	82	140494	5.689	ng		100
26) 2-Nitrophenol	9.633	139	33019	5.123	ng		97
27) 2,4-Dimethylphenol	9.698	122	29357m	3.754	ng		
28) bis(2-Chloroethoxy)met...	9.928	93	87058	5.571	ng		98
29) 2,4-Dichlorophenol	10.181	162	57112	5.077	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	71773	5.571	ng		98
31) Naphthalene	10.557	128	227037	5.723	ng		99
32) Benzoic acid	9.786	122	35756m	4.108	ng		
33) 4-Chloroaniline	10.686	127	75929	5.901	ng		98
34) Hexachlorobutadiene	10.845	225	43662	5.468	ng		94
35) Caprolactam	11.457	113	18804	5.146	ng		96
36) 4-Chloro-3-methylphenol	11.816	107	61210	5.213	ng		98
37) 2-Methylnaphthalene	12.180	142	151050	5.698	ng		100
38) 1-Methylnaphthalene	12.398	142	140116	5.331	ng		98
40) 1,2,4,5-Tetrachloroben...	12.551	216	80348	5.835	ng		99
41) Hexachlorocyclopentadiene	12.527	237	8824	1.894	ng		87
43) 2,4,6-Trichlorophenol	12.798	196	48526	5.310	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	53594	5.259	ng		99
46) 1,1'-Biphenyl	13.198	154	212115	6.166	ng		98
47) 2-Chloronaphthalene	13.239	162	155142	5.720	ng		99
48) 2-Nitroaniline	13.451	65	37751	5.132	ng		99
49) Acenaphthylene	14.086	152	245299	6.199	ng		98
50) Dimethylphthalate	13.821	163	193522	5.884	ng		99
51) 2,6-Dinitrotoluene	13.939	165	37419	5.099	ng		93
52) Acenaphthene	14.427	154	146921	5.843	ng		100
53) 3-Nitroaniline	14.280	138	33498	4.840	ng	#	91
54) 2,4-Dinitrophenol	14.492	184	15755	3.674	ng		95
55) Dibenzofuran	14.763	168	240967	6.032	ng		99
56) 4-Nitrophenol	14.616	139	23636	3.826	ng		91
57) 2,4-Dinitrotoluene	14.739	165	47269	4.877	ng		99
58) Fluorene	15.415	166	186834	5.915	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	47858	5.666	ng		99
60) Diethylphthalate	15.186	149	188773	5.668	ng		99
61) 4-Chlorophenyl-phenyle...	15.410	204	94075	5.956	ng		97
62) 4-Nitroaniline	15.445	138	29940	4.180	ng		91
63) Azobenzene	15.704	77	169180	5.668	ng		99
65) 4,6-Dinitro-2-methylph...	15.504	198	23604	4.112	ng		95
66) n-Nitrosodiphenylamine	15.621	169	156039	5.746	ng		98
67) 4-Bromophenyl-phenylether	16.304	248	55689	5.552	ng		94
68) Hexachlorobenzene	16.415	284	68759	5.708	ng		99
69) Atrazine	16.574	200	53078	6.985	ng		98
70) Pentachlorophenol	16.768	266	38218	4.832	ng		98
71) Phenanthrene	17.151	178	294412	6.010	ng		99
72) Anthracene	17.245	178	255027	5.378	ng		99
73) Carbazole	17.515	167	253638	5.456	ng		99
74) Di-n-butylphthalate	18.074	149	316083	5.463	ng		100
75) Fluoranthene	19.168	202	333422	5.706	ng		99
77) Benzidine	19.362	184	56310	5.091	ng		96
78) Pyrene	19.527	202	353234	5.507	ng		99
80) Butylbenzylphthalate	20.427	149	140769	5.248	ng		97
81) Benzo(a)anthracene	21.315	228	352330	5.753	ng		98
82) 3,3'-Dichlorobenzidine	21.245	252	112857	5.380	ng		98
83) Chrysene	21.374	228	348937	5.936	ng		100
84) Bis(2-ethylhexyl)phtha...	21.239	149	217804	5.587	ng		99
85) Di-n-octyl phthalate	22.350	149	343935	5.094	ng	#	98
87) Indeno(1,2,3-cd)pyrene	27.603	276	416831	5.963	ng		99
88) Benzo(b)fluoranthene	23.356	252	355454	5.865	ng		99
89) Benzo(k)fluoranthene	23.415	252	355028	6.059	ng		99
90) Benzo(a)pyrene	24.144	252	315454	5.987	ng		99
91) Dibenzo(a,h)anthracene	27.662	278	350785	6.026	ng		99
92) Benzo(g,h,i)perylene	28.644	276	332635	5.581	ng		99

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

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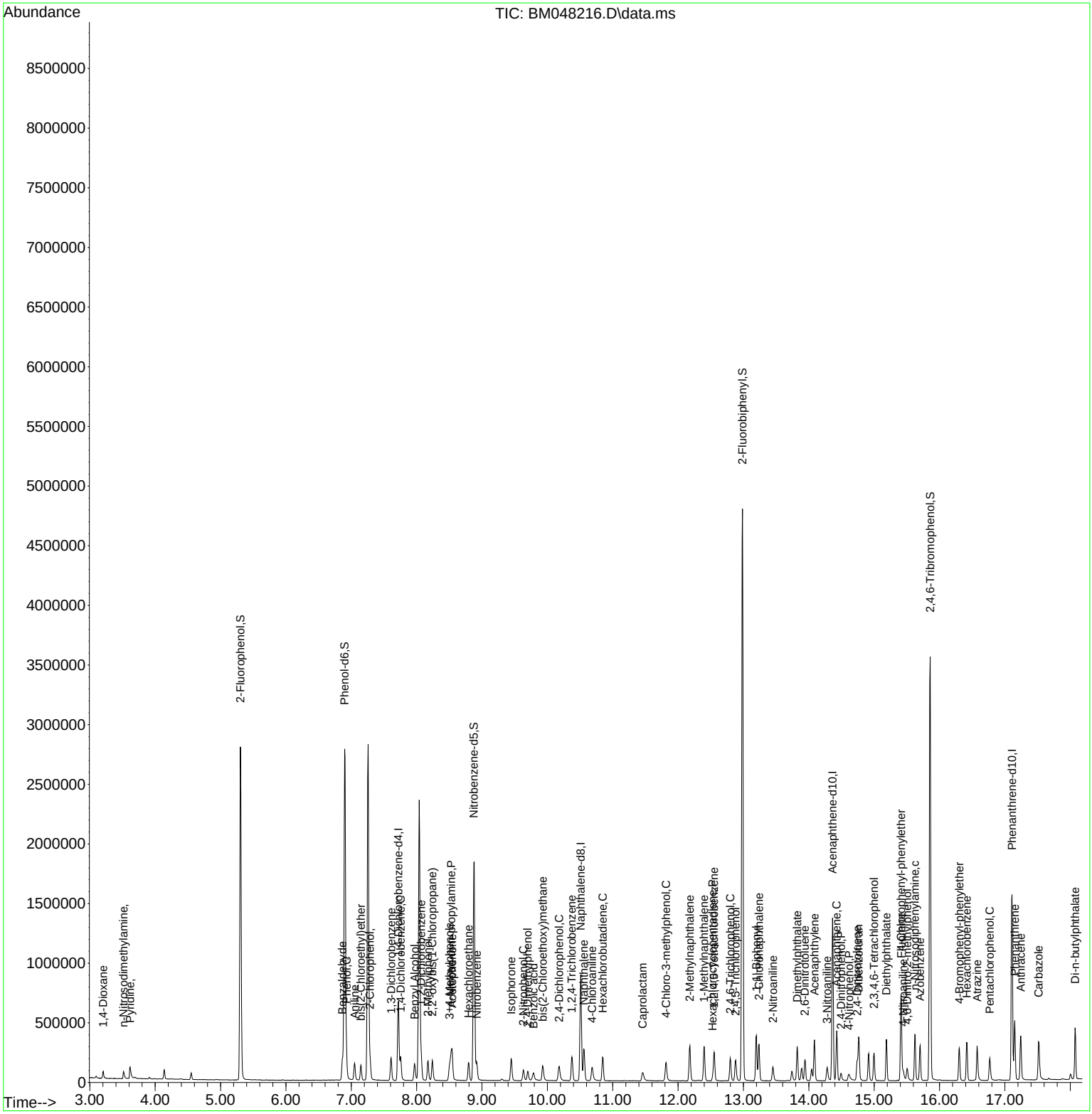

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