Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048217.D
Acq On : 24 Oct 2024 15:10
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 15:50:13 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	182620	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	730673	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	456826	20.000	ng		0.00
64) Phenanthrene-d10	17.109	188	915080	20.000	ng		0.00
76) Chrysene-d12	21.333	240	860079	20.000	ng		0.00
86) Perylene-d12	24.285	264	927674	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	954994	87.903	ng		0.00
7) Phenol-d6	6.898	99	1227940	86.789	ng		0.00
23) Nitrobenzene-d5	8.875	82	807115	62.370	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	486149	86.943	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	1841888	61.870	ng		0.00
79) Terphenyl-d14	19.733	244	2493919	59.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	34656	7.793	ng		99
3) Pyridine	3.610	79	79785	6.754	ng		99
4) n-Nitrosodimethylamine	3.516	42	36088	7.195	ng	#	93
6) Aniline	7.051	93	107168	9.125	ng		99
8) 2-Chlorophenol	7.287	128	90039	7.628	ng		99
9) Benzaldehyde	6.863	77	71498m	10.286	ng		
10) Phenol	6.928	94	104902	7.369	ng		98
11) bis(2-Chloroethyl)ether	7.145	93	85413	7.533	ng		98
12) 1,3-Dichlorobenzene	7.610	146	101646	7.470	ng		99
13) 1,4-Dichlorobenzene	7.757	146	104359	7.549	ng		97
14) 1,2-Dichlorobenzene	8.069	146	99421	7.441	ng		96
15) Benzyl Alcohol	7.969	79	65523	7.259	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.239	45	131756	7.945	ng		99
17) 2-Methylphenol	8.175	107	64925	6.864	ng		91
18) Hexachloroethane	8.792	117	37491	7.399	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	63578	7.103	ng		100
20) 3+4-Methylphenols	8.504	107	86999	6.639	ng		97
22) Acetophenone	8.545	105	136892	7.677	ng	#	99
24) Nitrobenzene	8.916	77	98868	7.374	ng		99
25) Isophorone	9.445	82	170005	7.167	ng		98
26) 2-Nitrophenol	9.633	139	40185	6.491	ng	#	92
27) 2,4-Dimethylphenol	9.698	122	27612	3.676	ng		99
28) bis(2-Chloroethoxy)met...	9.928	93	108084	7.201	ng		99
29) 2,4-Dichlorophenol	10.175	162	74489	6.894	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	89871	7.262	ng		99
31) Naphthalene	10.557	128	276259	7.249	ng		99
32) Benzoic acid	9.804	122	72533m	8.676	ng		
33) 4-Chloroaniline	10.680	127	92618	7.494	ng		98
34) Hexachlorobutadiene	10.845	225	53840	7.020	ng		98
35) Caprolactam	11.457	113	21440m	6.109	ng		
36) 4-Chloro-3-methylphenol	11.816	107	73669	6.531	ng		99
37) 2-Methylnaphthalene	12.180	142	182379	7.163	ng		98
38) 1-Methylnaphthalene	12.398	142	168884	6.689	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	97870	7.496	ng		98
41) Hexachlorocyclopentadiene	12.527	237	31691	7.172	ng		96
43) 2,4,6-Trichlorophenol	12.798	196	58115	6.707	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	63378	6.559	ng		97
46) 1,1'-Biphenyl	13.192	154	247205	7.579	ng		99
47) 2-Chloronaphthalene	13.239	162	186120	7.237	ng		98
48) 2-Nitroaniline	13.451	65	43915	6.296	ng		97
49) Acenaphthylene	14.086	152	286990	7.649	ng		99
50) Dimethylphthalate	13.821	163	226854	7.274	ng		100
51) 2,6-Dinitrotoluene	13.939	165	44898	6.452	ng		96
52) Acenaphthene	14.427	154	171252	7.183	ng		99
53) 3-Nitroaniline	14.280	138	40948	6.240	ng		100
54) 2,4-Dinitrophenol	14.492	184	22257	5.474	ng		92
55) Dibenzofuran	14.762	168	285608	7.541	ng		99
56) 4-Nitrophenol	14.610	139	30321	5.177	ng		92
57) 2,4-Dinitrotoluene	14.739	165	55787	6.071	ng		97
58) Fluorene	15.410	166	221312	7.389	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	59512	7.430	ng		98
60) Diethylphthalate	15.186	149	223063	7.064	ng		99
61) 4-Chlorophenyl-phenyle...	15.410	204	111545	7.449	ng		95
62) 4-Nitroaniline	15.439	138	37705	5.552	ng		89
63) Azobenzene	15.698	77	203318	7.184	ng		100
65) 4,6-Dinitro-2-methylph...	15.504	198	40225	7.576	ng		98
66) n-Nitrosodiphenylamine	15.621	169	182431	7.262	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	66151	7.130	ng		94
68) Hexachlorobenzene	16.415	284	80436	7.218	ng		98
69) Atrazine	16.574	200	61411	8.737	ng		98
70) Pentachlorophenol	16.762	266	85185	11.644	ng		97
71) Phenanthrene	17.151	178	341230	7.531	ng		100
72) Anthracene	17.239	178	303803	6.926	ng		99
73) Carbazole	17.515	167	299461	6.964	ng		100
74) Di-n-butylphthalate	18.074	149	358975	6.707	ng		99
75) Fluoranthene	19.168	202	379899	7.028	ng		98
77) Benzidine	19.362	184	59815m	6.026	ng		
78) Pyrene	19.527	202	400811	6.962	ng		100
80) Butylbenzylphthalate	20.427	149	155838	6.474	ng		97
81) Benzo(a)anthracene	21.315	228	396905	7.222	ng		98
82) 3,3'-Dichlorobenzidine	21.244	252	131182	6.968	ng		95
83) Chrysene	21.374	228	392695	7.444	ng		100
84) Bis(2-ethylhexyl)phtha...	21.239	149	239675	6.850	ng		99
85) Di-n-octyl phthalate	22.350	149	375396	6.195	ng	#	98
87) Indeno(1,2,3-cd)pyrene	27.603	276	471950	7.693	ng		100
88) Benzo(b)fluoranthene	23.350	252	402822	7.573	ng		99
89) Benzo(k)fluoranthene	23.415	252	403775	7.852	ng		99
90) Benzo(a)pyrene	24.144	252	356941	7.719	ng		99
91) Dibenzo(a,h)anthracene	27.656	278	391921	7.672	ng		99
92) Benzo(g,h,i)perylene	28.644	276	376565	7.199	ng		99

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

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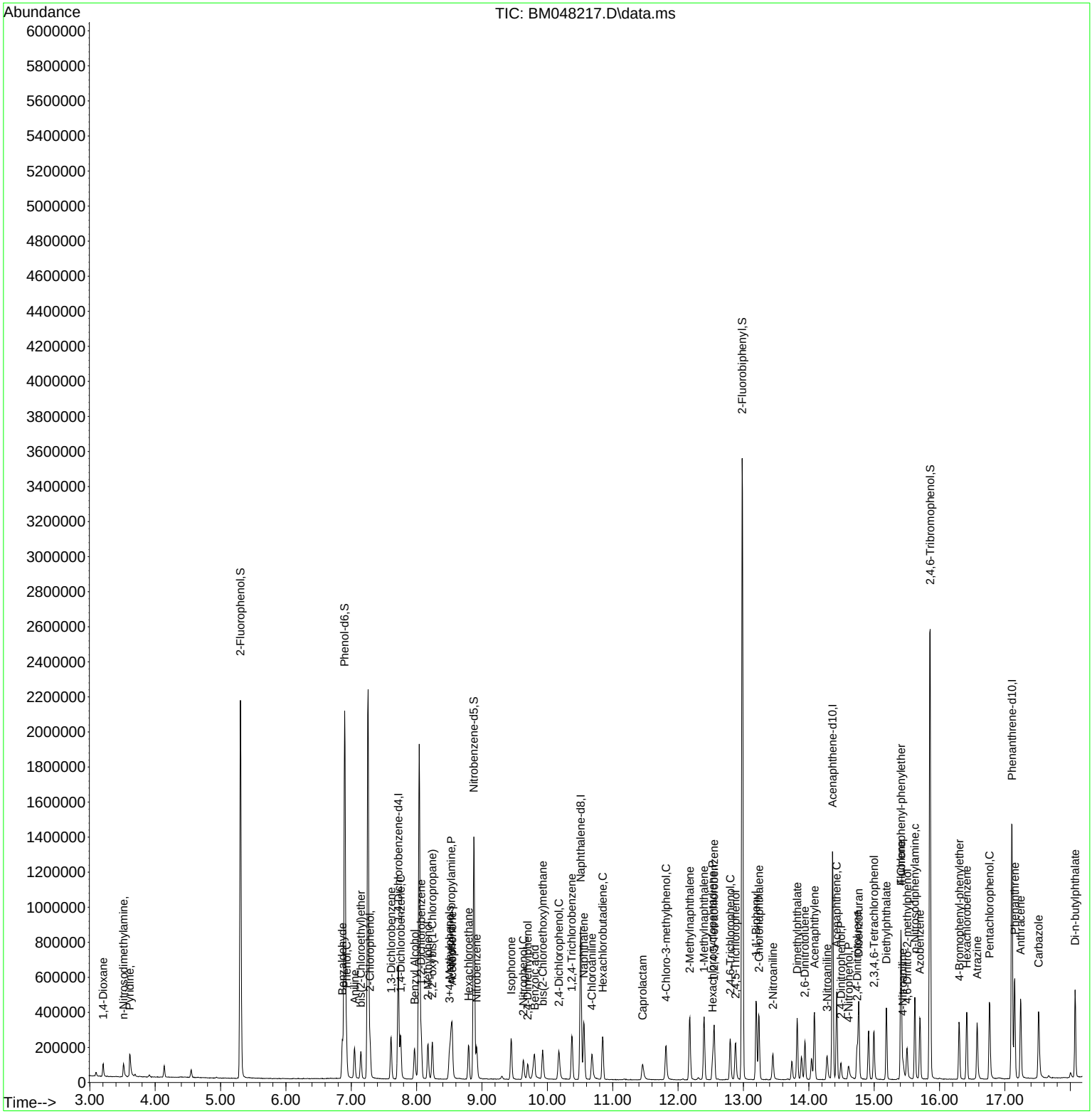

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