Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
Data File : BM047547.D
Acq On : 17 Sep 2024 17:07
Operator : RC/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL-8 PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 17 17:40:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	366501	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1589437	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	901805	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1707279	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1426234	20.000	ng		#-0.01
86) Perylene-d12	24.462	264	1323754	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	3345019	145.320	ng		0.00
7) Phenol-d6	7.010	99	4649051	143.417	ng		0.00
23) Nitrobenzene-d5	9.004	82	3325735	104.716	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1374665	157.704	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	6837722	104.447	ng		0.00
79) Terphenyl-d14	19.827	244	8778014	110.288	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	103700	10.518	ng		98
3) Pyridine	3.716	79	251515	8.570	ng		95
4) n-Nitrosodimethylamine	3.628	42	124194	9.327	ng	#	93
6) Aniline	7.175	93	297836	10.364	ng		99
8) 2-Chlorophenol	7.410	128	226478	8.925	ng		96
9) Benzaldehyde	6.987	77	227287m	14.746	ng		
10) Phenol	7.034	94	288926	8.902	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	235586	9.041	ng		97
12) 1,3-Dichlorobenzene	7.739	146	235549	8.481	ng		99
13) 1,4-Dichlorobenzene	7.881	146	238330	8.425	ng		100
14) 1,2-Dichlorobenzene	8.198	146	232546	8.353	ng		98
15) Benzyl Alcohol	8.081	79	193930	8.832	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	356811	9.734	ng		99
17) 2-Methylphenol	8.281	107	167640	8.085	ng		97
18) Hexachloroethane	8.933	117	98798	8.742	ng		96
19) n-Nitroso-di-n-propyla...	8.651	70	191316	8.753	ng		99
20) 3+4-Methylphenols	8.610	107	223780	7.735	ng		96
22) Acetophenone	8.663	105	362435	8.673	ng	#	98
24) Nitrobenzene	9.039	77	298085	9.134	ng		97
25) Isophorone	9.569	82	496181	8.887	ng		99
26) 2-Nitrophenol	9.751	139	82743	7.440	ng		98
27) 2,4-Dimethylphenol	9.810	122	103590	6.145	ng		98
28) bis(2-Chloroethoxy)met...	10.051	93	305187	8.702	ng		100
29) 2,4-Dichlorophenol	10.286	162	165910	7.746	ng		95
30) 1,2,4-Trichlorobenzene	10.504	180	194957	7.947	ng		99
31) Naphthalene	10.692	128	698236	8.134	ng		100
32) Benzoic acid	9.880	122	79264	10.803	ng		99
33) 4-Chloroaniline	10.792	127	275028	8.861	ng		99
34) Hexachlorobutadiene	10.986	225	102701	7.558	ng		98
35) Caprolactam	11.551	113	56184	7.964	ng		96
36) 4-Chloro-3-methylphenol	11.910	107	189048	7.702	ng		99
37) 2-Methylnaphthalene	12.304	142	443437	7.762	ng		99
38) 1-Methylnaphthalene	12.521	142	416659	7.339	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	191955	7.866	ng		98
41) Hexachlorocyclopentadiene	12.657	237	47230	5.921	ng		97
43) 2,4,6-Trichlorophenol	12.910	196	112688	7.371	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	126595	7.331	ng		98
46) 1,1'-Biphenyl	13.310	154	595812	8.492	ng		98
47) 2-Chloronaphthalene	13.351	162	433719	7.961	ng		98
48) 2-Nitroaniline	13.545	65	124687	7.792	ng		94
49) Acenaphthylene	14.198	152	683801	8.697	ng		99
50) Dimethylphthalate	13.927	163	514266	8.367	ng		100
51) 2,6-Dinitrotoluene	14.039	165	99621	7.678	ng		90
52) Acenaphthene	14.539	154	425122	7.717	ng		99
53) 3-Nitroaniline	14.368	138	115109	7.981	ng		97
54) 2,4-Dinitrophenol	14.568	184	28320	8.365	ng	#	72
55) Dibenzofuran	14.874	168	634848	8.201	ng		97
56) 4-Nitrophenol	14.668	139	87195	7.347	ng		99
57) 2,4-Dinitrotoluene	14.821	165	123204	7.119	ng		86
58) Fluorene	15.521	166	521693	7.485	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	99821	7.414	ng		93
60) Diethylphthalate	15.292	149	540702	8.266	ng		98
61) 4-Chlorophenyl-phenyle...	15.515	204	229409	7.199	ng		96
62) 4-Nitroaniline	15.521	138	117327	6.921	ng		90
63) Azobenzene	15.809	77	647574	8.990	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	43360	11.413	ng		94
66) n-Nitrosodiphenylamine	15.727	169	411685	7.882	ng		99
67) 4-Bromophenyl-phenylether	16.409	248	122212	7.367	ng		99
68) Hexachlorobenzene	16.521	284	139781	7.438	ng		94
69) Atrazine	16.674	200	117631	8.149	ng		99
70) Pentachlorophenol	16.862	266	69908	6.417	ng		99
71) Phenanthrene	17.251	178	756841	8.044	ng		100
72) Anthracene	17.345	178	688686	7.619	ng		100
73) Carbazole	17.603	167	702458	7.841	ng		99
74) Di-n-butylphthalate	18.180	149	841558	7.851	ng		98
75) Fluoranthene	19.262	202	746897	7.276	ng		96
77) Benzidine	19.439	184	218387	10.872	ng		98
78) Pyrene	19.621	202	784256	7.539	ng		100
80) Butylbenzylphthalate	20.521	149	297484	7.428	ng		94
81) Benzo(a)anthracene	21.415	228	769623	8.279	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	206816	8.363	ng		99
83) Chrysene	21.480	228	715948	8.142	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	502768	8.014	ng	#	97
85) Di-n-octyl phthalate	22.497	149	707224	7.970	ng		98
87) Indeno(1,2,3-cd)pyrene	27.868	276	685882	8.658	ng		96
88) Benzo(b)fluoranthene	23.503	252	663426	7.746	ng		99
89) Benzo(k)fluoranthene	23.568	252	691859	8.151	ng		98
90) Benzo(a)pyrene	24.315	252	582018	8.291	ng		98
91) Dibenzo(a,h)anthracene	27.938	278	554863	8.325	ng		97
92) Benzo(g,h,i)perylene	28.932	276	528673	8.120	ng		97

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

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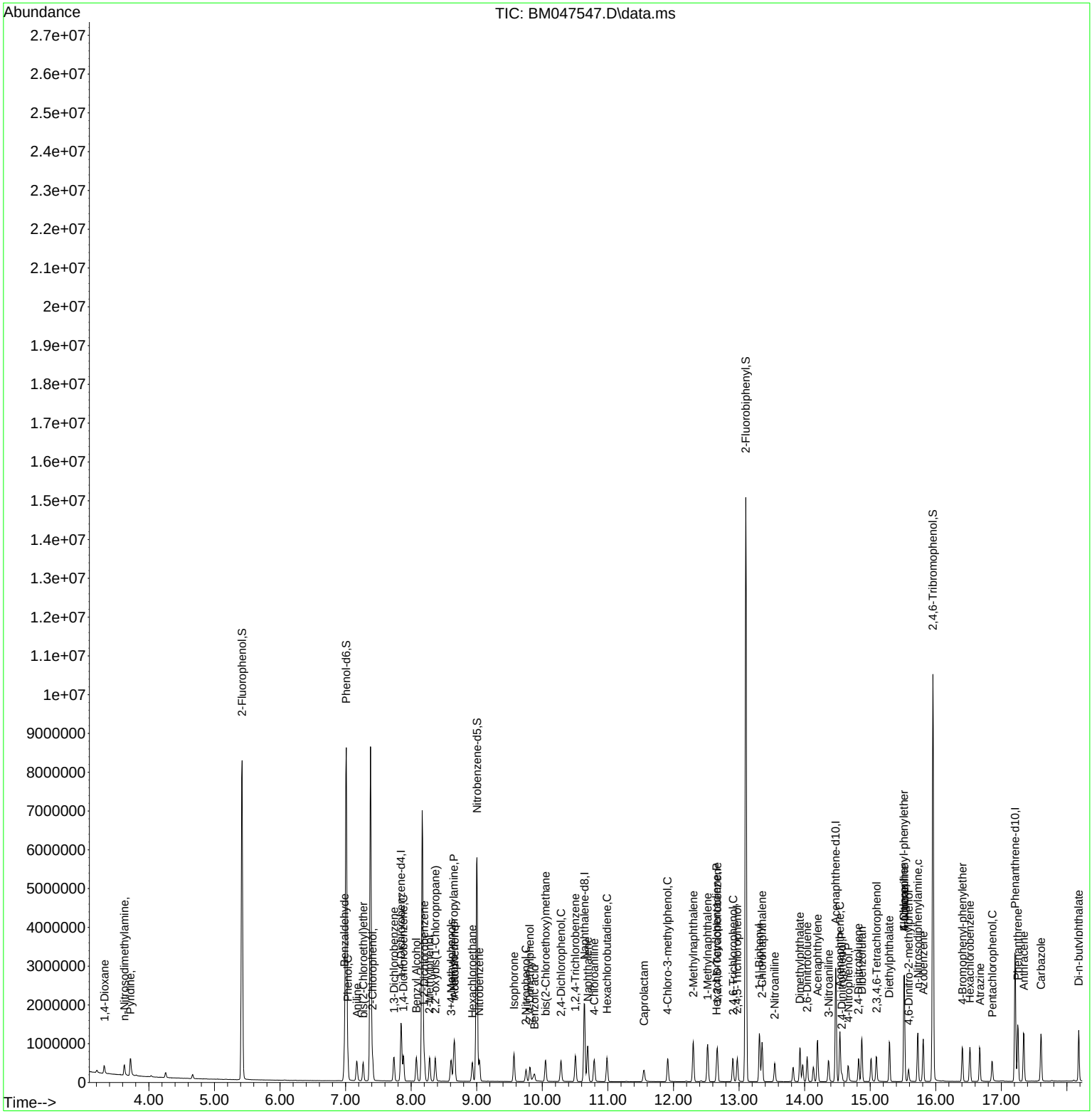

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