

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047543.D
 Acq On : 17 Sep 2024 14:14
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10 ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 17 14:49:53 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

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	371373	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1647092	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	944888	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1800922	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1502304	20.000	ng	0.00
86) Perylene-d12	24.462	264	1442147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2174230	93.218	ng	0.00
7) Phenol-d6	7.004	99	2977530	90.648	ng	0.00
23) Nitrobenzene-d5	8.998	82	2132328	64.790	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	799058	87.490	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	4276993	62.353	ng	0.00
79) Terphenyl-d14	19.827	244	5825980	69.492	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	88994	8.908	ng	99
3) Pyridine	3.722	79	217980	7.330	ng	97
4) n-Nitrosodimethylamine	3.628	42	112351	8.327	ng	# 95
6) Aniline	7.169	93	260646	8.950	ng	97
8) 2-Chlorophenol	7.410	128	190677	7.416	ng	97
9) Benzaldehyde	6.987	77	197767m	12.662	ng	
10) Phenol	7.034	94	243848	7.414	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	202819	7.681	ng	98
12) 1,3-Dichlorobenzene	7.739	146	202772	7.205	ng	97
13) 1,4-Dichlorobenzene	7.881	146	208735	7.282	ng	97
14) 1,2-Dichlorobenzene	8.204	146	202120	7.165	ng	97
15) Benzyl Alcohol	8.081	79	164686	7.402	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	306015	8.239	ng	99
17) 2-Methylphenol	8.281	107	146232	6.960	ng	98
18) Hexachloroethane	8.933	117	85383	7.456	ng	94
19) n-Nitroso-di-n-propyla...	8.651	70	161080	7.273	ng	98
20) 3+4-Methylphenols	8.604	107	197279	6.729	ng	97
22) Acetophenone	8.663	105	321682	7.429	ng	# 98
24) Nitrobenzene	9.039	77	249498	7.377	ng	97
25) Isophorone	9.569	82	421015	7.276	ng	99
26) 2-Nitrophenol	9.757	139	67613	5.867	ng	99
27) 2,4-Dimethylphenol	9.810	122	92236	5.280	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	267362	7.356	ng	99
29) 2,4-Dichlorophenol	10.286	162	140587	6.334	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	168109	6.612	ng	98
31) Naphthalene	10.692	128	608314	6.838	ng	99
32) Benzoic acid	9.892	122	123113	12.851	ng	97
33) 4-Chloroaniline	10.792	127	234487	7.291	ng	100
34) Hexachlorobutadiene	10.986	225	89450	6.352	ng	99
35) Caprolactam	11.545	113	47786m	6.537	ng	
36) 4-Chloro-3-methylphenol	11.916	107	162125	6.374	ng	98
37) 2-Methylnaphthalene	12.304	142	390560	6.597	ng	96
38) 1-Methylnaphthalene	12.521	142	362710	6.165	ng	99
40) 1,2,4,5-Tetrachloroben...	12.668	216	167978	6.570	ng	97
41) Hexachlorocyclopentadiene	12.663	237	94675	11.327	ng	93
43) 2,4,6-Trichlorophenol	12.910	196	95632	5.970	ng	98

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44) 2,4,5-Trichlorophenol	12.974	196	107326	5.932	ng	94
46) 1,1'-Biphenyl	13.316	154	514680	7.001	ng	99
47) 2-Chloronaphthalene	13.351	162	378096	6.623	ng	98
48) 2-Nitroaniline	13.545	65	104261	6.218	ng	94
49) Acenaphthylene	14.198	152	590354	7.166	ng	98
50) Dimethylphthalate	13.933	163	439411	6.823	ng	100
51) 2,6-Dinitrotoluene	14.045	165	83729	6.159	ng	97
52) Acenaphthene	14.539	154	369445	6.401	ng	98
53) 3-Nitroaniline	14.368	138	95027	6.288	ng	97
54) 2,4-Dinitrophenol	14.568	184	29220	8.280	ng	86
55) Dibenzofuran	14.874	168	547071	6.745	ng	96
56) 4-Nitrophenol	14.668	139	75713	6.089	ng	96
57) 2,4-Dinitrotoluene	14.827	165	105357	5.811	ng	93
58) Fluorene	15.521	166	449377	6.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	85151	6.036	ng	93
60) Diethylphthalate	15.298	149	460468	6.718	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	199551	5.976	ng	99
62) 4-Nitroaniline	15.521	138	98346	5.537	ng	89
63) Azobenzene	15.809	77	562761	7.457	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	52257	12.018	ng	92
66) n-Nitrosodiphenylamine	15.727	169	353009	6.407	ng	98
67) 4-Bromophenyl-phenylether	16.409	248	106367	6.078	ng	99
68) Hexachlorobenzene	16.521	284	119884	6.047	ng	94
69) Atrazine	16.674	200	99382	6.526	ng	99
70) Pentachlorophenol	16.862	266	116824	10.166	ng	97
71) Phenanthrene	17.251	178	649070	6.540	ng	99
72) Anthracene	17.345	178	601698	6.310	ng	100
73) Carbazole	17.609	167	602324	6.374	ng	99
74) Di-n-butylphthalate	18.180	149	704798	6.233	ng	98
75) Fluoranthene	19.262	202	639611	5.907	ng	97
77) Benzidine	19.439	184	185394	8.762	ng	99
78) Pyrene	19.621	202	678868	6.195	ng	99
80) Butylbenzylphthalate	20.521	149	248137	5.882	ng	92
81) Benzo(a)anthracene	21.421	228	665774	6.799	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	176551	6.778	ng	99
83) Chrysene	21.480	228	629392	6.795	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	411800	6.232	ng	98
85) Di-n-octyl phthalate	22.503	149	583687	6.244	ng	98
87) Indeno(1,2,3-cd)pyrene	27.873	276	626631	7.261	ng	98
88) Benzo(b)fluoranthene	23.503	252	573375	6.145	ng	98
89) Benzo(k)fluoranthene	23.568	252	607851	6.573	ng	98
90) Benzo(a)pyrene	24.315	252	513140	6.710	ng	# 97
91) Dibenzo(a,h)anthracene	27.932	278	507096	6.984	ng	98
92) Benzo(g,h,i)perylene	28.932	276	487228	6.869	ng	98

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

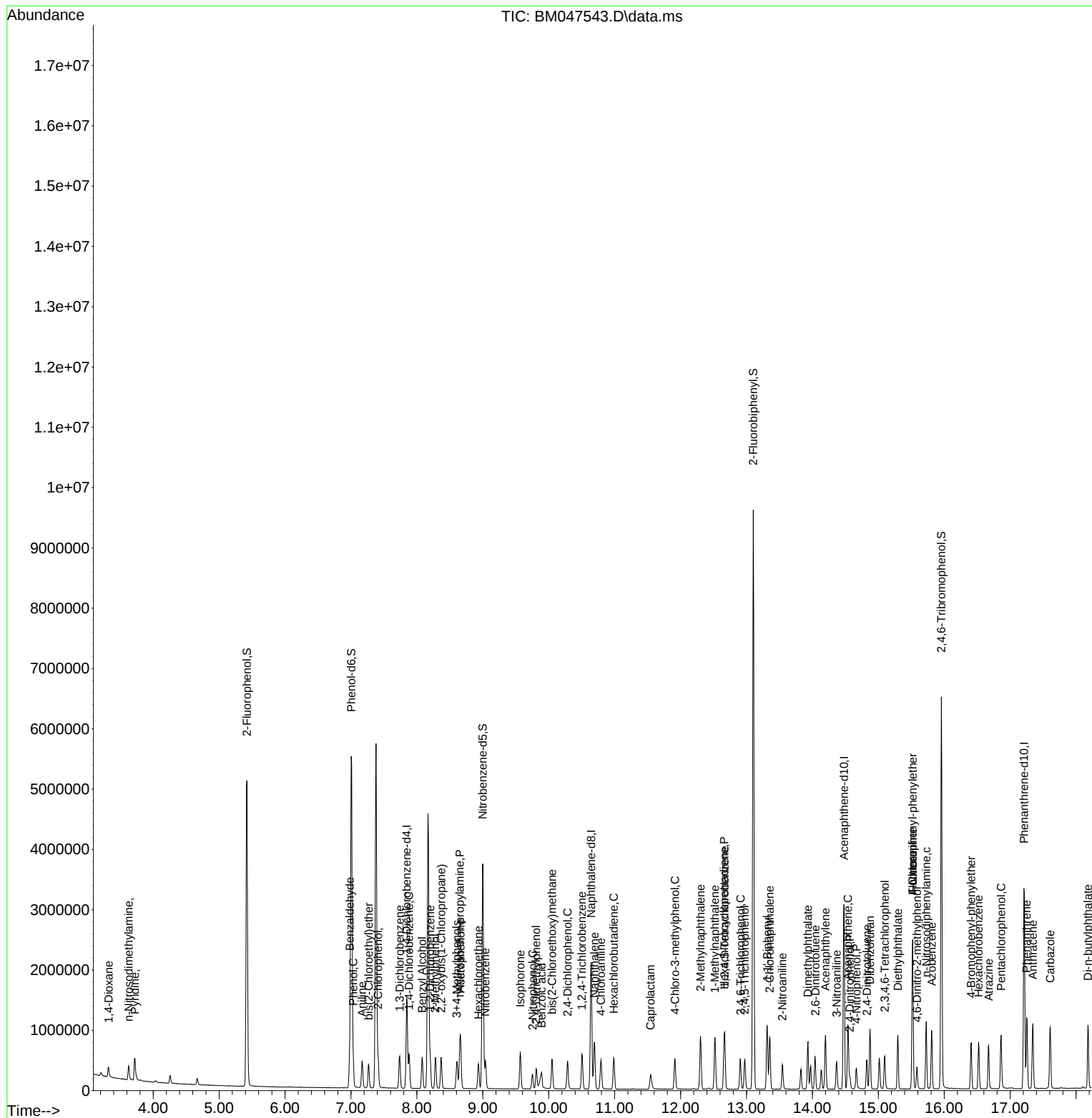
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