

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047540.D
 Acq On : 17 Sep 2024 11:40
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 17 12:27:14 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	7.846	152	453728	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2012471	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1165518	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2294694	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1954749	20.000	ng	0.00
86) Perylene-d12	24.462	264	1869039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2959974	103.871	ng	0.00
7) Phenol-d6	7.004	99	4149475	103.397	ng	0.00
23) Nitrobenzene-d5	8.998	82	3206025	79.727	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1228119	109.014	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	6876318	81.271	ng	0.00
79) Terphenyl-d14	19.833	244	9746627	89.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	73689	6.037	ng	100
3) Pyridine	3.722	79	176279	4.852	ng	97
4) n-Nitrosodimethylamine	3.628	42	93119	5.649	ng	# 93
6) Aniline	7.169	93	215083	6.045	ng	99
8) 2-Chlorophenol	7.410	128	164806	5.246	ng	96
9) Benzaldehyde	6.981	77	173536	9.094	ng	99
10) Phenol	7.034	94	213684	5.318	ng	100
11) bis(2-Chloroethyl)ether	7.269	93	175197	5.431	ng	97
12) 1,3-Dichlorobenzene	7.740	146	171373	4.984	ng	98
13) 1,4-Dichlorobenzene	7.881	146	176502	5.040	ng	96
14) 1,2-Dichlorobenzene	8.198	146	171178	4.966	ng	99
15) Benzyl Alcohol	8.081	79	138654	5.101	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.369	45	264815	5.836	ng	99
17) 2-Methylphenol	8.281	107	120120	4.679	ng	98
18) Hexachloroethane	8.934	117	73435	5.249	ng	90
19) n-Nitroso-di-n-propyla...	8.651	70	135825	5.020	ng	99
20) 3+4-Methylphenols	8.604	107	158998	4.439	ng	98
22) Acetophenone	8.663	105	268937	5.083	ng	# 98
24) Nitrobenzene	9.040	77	222181	5.377	ng	97
25) Isophorone	9.569	82	358591	5.072	ng	99
26) 2-Nitrophenol	9.751	139	55598	3.949	ng	95
27) 2,4-Dimethylphenol	9.816	122	112105m	5.252	ng	
28) bis(2-Chloroethoxy)met...	10.051	93	228265	5.140	ng	100
29) 2,4-Dichlorophenol	10.287	162	117006	4.315	ng	95
30) 1,2,4-Trichlorobenzene	10.504	180	143657	4.625	ng	97
31) Naphthalene	10.692	128	521827	4.801	ng	100
32) Benzoic acid	9.869	122	44624	8.524	ng	97
33) 4-Chloroaniline	10.792	127	197484	5.025	ng	98
34) Hexachlorobutadiene	10.986	225	75148	4.368	ng	97
35) Caprolactam	11.551	113	39214	4.390	ng	92
36) 4-Chloro-3-methylphenol	11.916	107	137830	4.435	ng	96
37) 2-Methylnaphthalene	12.304	142	334237	4.620	ng	99
38) 1-Methylnaphthalene	12.522	142	319163	4.440	ng	98
40) 1,2,4,5-Tetrachloroben...	12.669	216	148712	4.715	ng	98
41) Hexachlorocyclopentadiene	12.663	237	28032	2.719	ng	97
43) 2,4,6-Trichlorophenol	12.910	196	80032	4.051	ng	96

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44) 2,4,5-Trichlorophenol	12.975	196	91775	4.112	ng	96
46) 1,1'-Biphenyl	13.316	154	444046	4.897	ng	98
47) 2-Chloronaphthalene	13.351	162	327945	4.657	ng	98
48) 2-Nitroaniline	13.545	65	89257	4.316	ng	93
49) Acenaphthylene	14.198	152	517507	5.093	ng	99
50) Dimethylphthalate	13.933	163	383761	4.831	ng	99
51) 2,6-Dinitrotoluene	14.039	165	70710	4.216	ng	88
52) Acenaphthene	14.539	154	326015	4.579	ng	98
53) 3-Nitroaniline	14.369	138	83327	4.470	ng	95
54) 2,4-Dinitrophenol	14.569	184	20260	5.836	ng	# 85
55) Dibenzofuran	14.874	168	485358	4.851	ng	95
56) 4-Nitrophenol	14.669	139	60446	3.941	ng	95
57) 2,4-Dinitrotoluene	14.827	165	89996	4.024	ng	90
58) Fluorene	15.521	166	397142	4.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	74651	4.290	ng	94
60) Diethylphthalate	15.298	149	397830	4.706	ng	97
61) 4-Chlorophenyl-phenyle...	15.516	204	176817	4.293	ng	95
62) 4-Nitroaniline	15.521	138	85711	3.912	ng	91
63) Azobenzene	15.810	77	490864	5.273	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	29824	9.343	ng	87
66) n-Nitrosodiphenylamine	15.727	169	308960	4.401	ng	97
67) 4-Bromophenyl-phenylether	16.410	248	94313	4.230	ng	96
68) Hexachlorobenzene	16.521	284	109826	4.348	ng	# 91
69) Atrazine	16.674	200	89130	4.594	ng	98
70) Pentachlorophenol	16.863	266	49714	3.395	ng	97
71) Phenanthrene	17.251	178	588765	4.656	ng	100
72) Anthracene	17.345	178	521956	4.296	ng	99
73) Carbazole	17.610	167	545098	4.527	ng	99
74) Di-n-butylphthalate	18.180	149	649673	4.510	ng	99
75) Fluoranthene	19.262	202	589070	4.269	ng	97
77) Benzidine	19.445	184	104990	3.814	ng	99
78) Pyrene	19.621	202	623772	4.375	ng	99
80) Butylbenzylphthalate	20.521	149	221897	4.043	ng	91
81) Benzo(a)anthracene	21.421	228	624216	4.899	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	148641	4.386	ng	# 99
83) Chrysene	21.480	228	569934	4.729	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	376489	4.379	ng	97
85) Di-n-octyl phthalate	22.497	149	523511	4.304	ng	97
87) Indeno(1,2,3-cd)pyrene	27.868	276	581612	5.200	ng	94
88) Benzo(b)fluoranthene	23.503	252	538780	4.455	ng	98
89) Benzo(k)fluoranthene	23.568	252	555293	4.633	ng	97
90) Benzo(a)pyrene	24.315	252	472091	4.763	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	474341	5.040	ng	100
92) Benzo(g,h,i)perylene	28.932	276	460641	5.011	ng	97

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

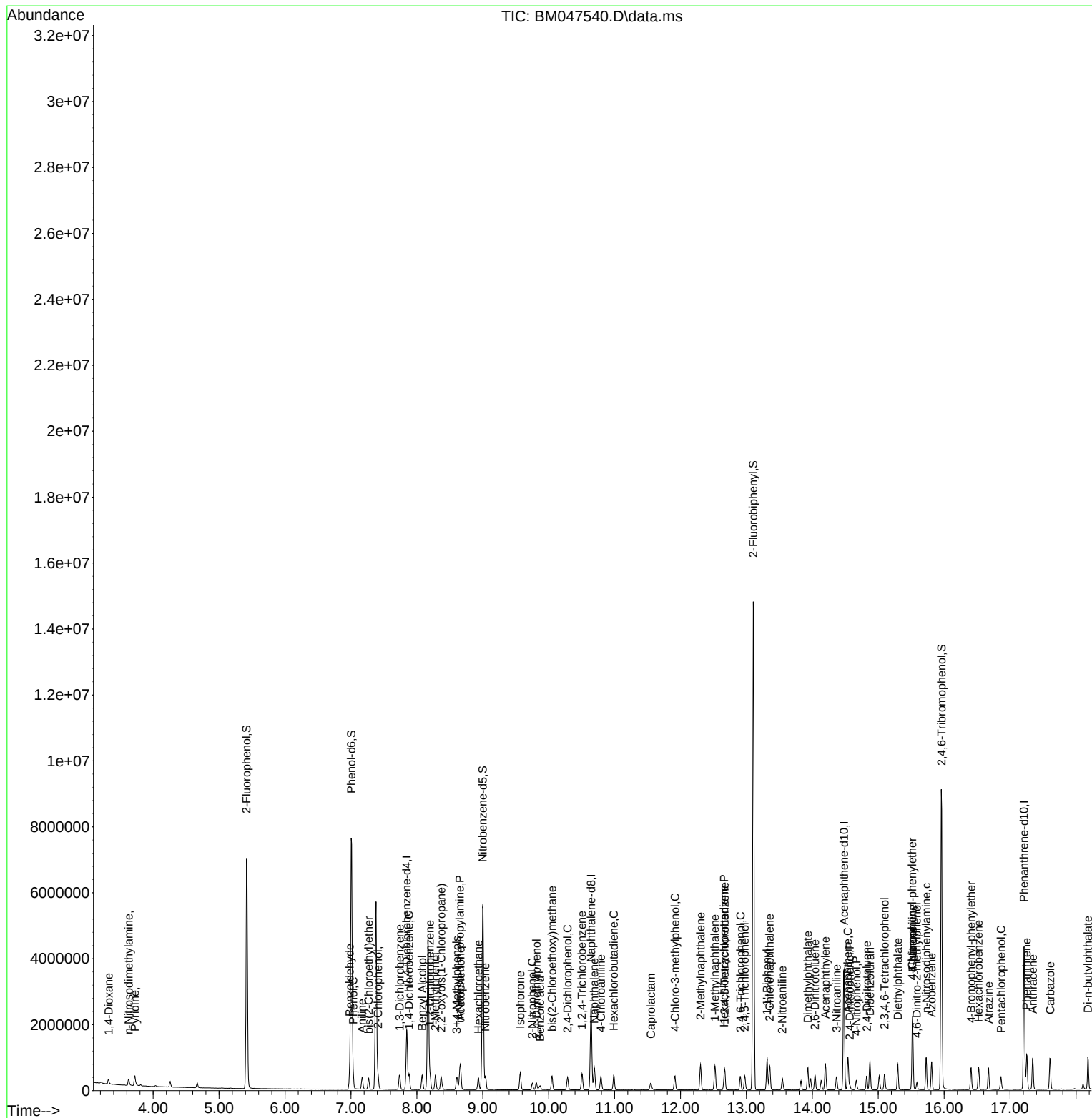
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