

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101410.D
 Acq On : 29 Oct 2024 16:53
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL 8 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Oct 29 17:38:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	157122	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	762928	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	546294	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	1268441	20.000	ng	0.00
76) Chrysene-d12	21.071	240	1452855	20.000	ng	0.00
86) Perylene-d12	23.357	264	1793897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1111215	123.954	ng	0.00
7) Phenol-d6	6.947	99	1561347	125.606	ng	0.00
23) Nitrobenzene-d5	8.780	82	1111225	91.483	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1245468	130.078	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2855849	88.533	ng	0.00
79) Terphenyl-d14	19.509	244	4448836	70.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	28783	8.608	ng	96
3) Pyridine	3.745	79	67245m	7.109	ng	
4) n-Nitrosodimethylamine	3.604	42	28889	7.893	ng	# 90
6) Aniline	7.017	93	106329	11.161	ng	99
8) 2-Chlorophenol	7.211	128	91209	8.483	ng	97
9) Benzaldehyde	6.782	77	67580	11.262	ng	98
10) Phenol	6.970	94	117964m	8.746	ng	
11) bis(2-Chloroethyl)ether	7.041	93	94023m	8.498	ng	
12) 1,3-Dichlorobenzene	7.458	146	96738	8.344	ng	99
13) 1,4-Dichlorobenzene	7.605	146	98656	8.333	ng	99
14) 1,2-Dichlorobenzene	7.934	146	97807	8.439	ng	99
15) Benzyl Alcohol	7.910	79	73402	9.906	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.069	45	126329	9.073	ng	99
17) 2-Methylphenol	8.151	107	69752	7.641	ng	98
18) Hexachloroethane	8.627	117	31913	8.254	ng	98
19) n-Nitroso-di-n-propyla...	8.375	70	70448	8.540	ng	99
20) 3+4-Methylphenols	8.492	107	95389	7.570	ng	99
22) Acetophenone	8.422	105	147272	8.502	ng	# 99
24) Nitrobenzene	8.821	77	107316	8.301	ng	98
25) Isophorone	9.273	82	199542	8.418	ng	99
26) 2-Nitrophenol	9.508	139	50041	8.008	ng	98
27) 2,4-Dimethylphenol	9.626	122	42506	5.406	ng	98
28) bis(2-Chloroethoxy)met...	9.779	93	121446	8.449	ng	99
29) 2,4-Dichlorophenol	10.055	162	84430	7.762	ng	97
30) 1,2,4-Trichlorobenzene	10.184	180	94317	7.959	ng	98
31) Naphthalene	10.384	128	321398	8.267	ng	100
32) Benzoic acid	9.820	122	25463	10.825	ng	96
33) 4-Chloroaniline	10.613	127	121568	8.992	ng	98
34) Hexachlorobutadiene	10.637	225	55704	7.942	ng	96
35) Caprolactam	11.389	113	30306m	7.268	ng	
36) 4-Chloro-3-methylphenol	11.782	107	93334	7.536	ng	98
37) 2-Methylnaphthalene	11.976	142	228228	8.148	ng	98
38) 1-Methylnaphthalene	12.205	142	215561	7.711	ng	100
40) 1,2,4,5-Tetrachloroben...	12.335	216	114962	8.383	ng	99
41) Hexachlorocyclopentadiene	12.317	237	22348	4.934	ng	99
43) 2,4,6-Trichlorophenol	12.652	196	74778	7.910	ng	98

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44) 2,4,5-Trichlorophenol	12.752	196	83786	7.739	ng	98
46) 1,1'-Biphenyl	13.004	154	323260	8.637	ng	99
47) 2-Chloronaphthalene	13.051	162	241159	8.156	ng	98
48) 2-Nitroaniline	13.380	65	57899	7.276	ng	94
49) Acenaphthylene	13.909	152	386698	8.843	ng	99
50) Dimethylphthalate	13.680	163	322993	8.376	ng	99
51) 2,6-Dinitrotoluene	13.815	165	65610	7.370	ng	93
52) Acenaphthene	14.238	154	234028	8.196	ng	100
53) 3-Nitroaniline	14.226	138	69706	7.874	ng	94
54) 2,4-Dinitrophenol	14.362	184	27079	9.597	ng	93
55) Dibenzofuran	14.585	168	389654	8.562	ng	97
56) 4-Nitrophenol	14.644	139	55829	6.887	ng	99
57) 2,4-Dinitrotoluene	14.602	165	88417	7.214	ng	95
58) Fluorene	15.219	166	316312	8.308	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.849	232	81171	8.115	ng	100
60) Diethylphthalate	15.008	149	333942	8.279	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	154045	8.154	ng	98
62) 4-Nitroaniline	15.413	138	73239	7.435	ng	98
63) Azobenzene	15.507	77	290554	8.381	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	44606	5.985	ng	95
66) n-Nitrosodiphenylamine	15.460	169	280222	8.331	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	106714	7.998	ng	97
68) Hexachlorobenzene	16.201	284	137512	7.863	ng	99
69) Atrazine	16.389	200	104873	10.169	ng	98
70) Pentachlorophenol	16.606	266	67469	6.702	ng	96
71) Phenanthrene	16.953	178	529029	8.711	ng	99
72) Anthracene	17.041	178	492114	8.299	ng	98
73) Carbazole	17.370	167	507516	8.364	ng	98
74) Di-n-butylphthalate	17.822	149	583257	8.732	ng	98
75) Fluoranthene	18.956	202	641906	8.702	ng	97
77) Benzidine	19.215	184	179946	9.759	ng	99
78) Pyrene	19.326	202	690742	8.646	ng	96
80) Butylbenzylphthalate	20.178	149	299307	8.545	ng	97
81) Benzo(a)anthracene	21.054	228	756750	9.267	ng	95
82) 3,3'-Dichlorobenzidine	21.030	252	278519	8.707	ng	98
83) Chrysene	21.107	228	728152	9.222	ng	95
84) Bis(2-ethylhexyl)phtha...	20.883	149	408559	8.781	ng	97
85) Di-n-octyl phthalate	21.729	149	707217	9.261	ng	100
87) Indeno(1,2,3-cd)pyrene	25.666	276	1076011	8.963	ng	99
88) Benzo(b)fluoranthene	22.646	252	831673	8.896	ng	97
89) Benzo(k)fluoranthene	22.687	252	806618	9.235	ng	97
90) Benzo(a)pyrene	23.245	252	759634	9.291	ng	98
91) Dibenzo(a,h)anthracene	25.660	278	891971	8.991	ng	99
92) Benzo(g,h,i)perylene	26.418	276	830527	8.125	ng	99

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

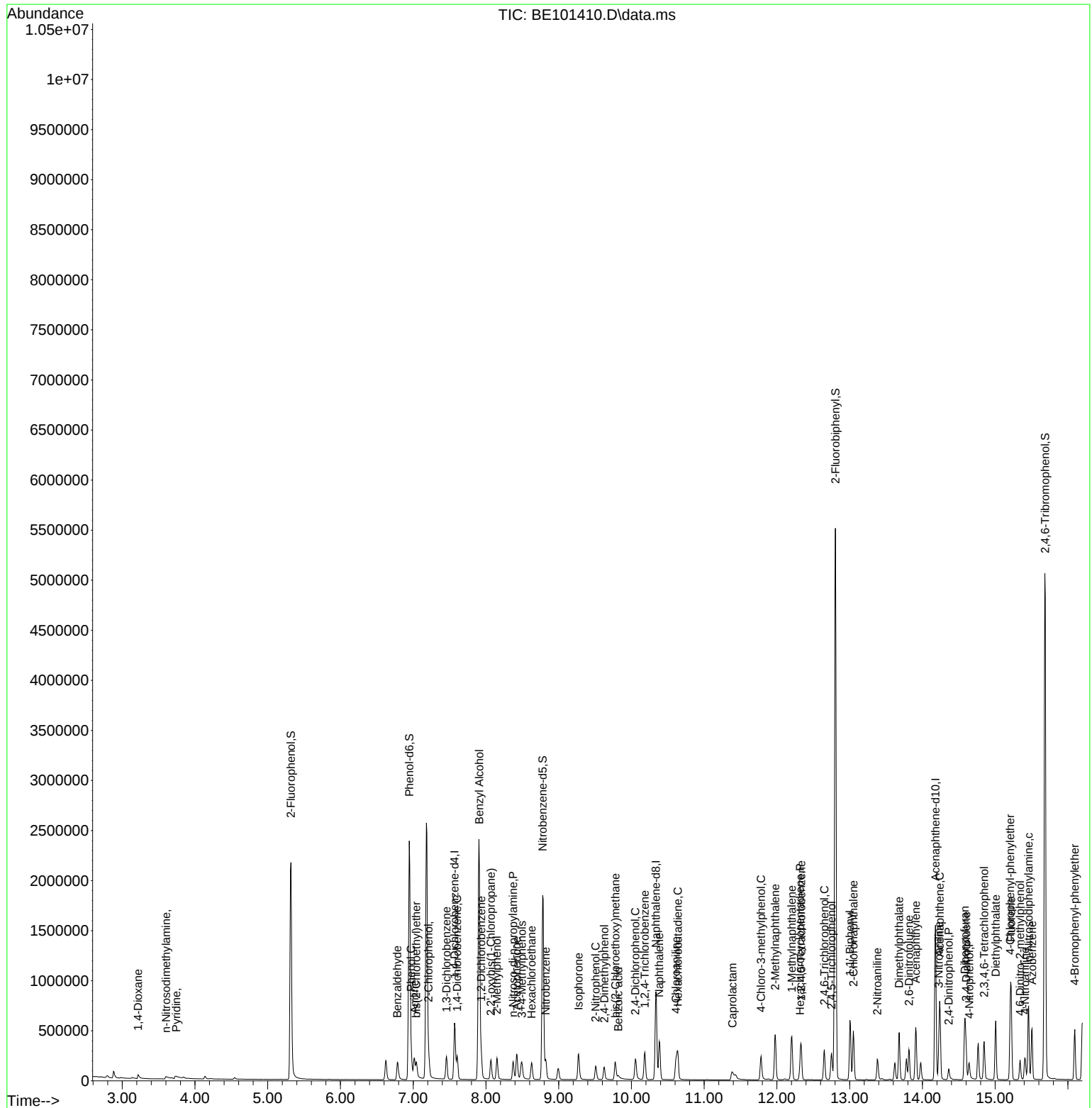
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