

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101402.D
 Acq On : 29 Oct 2024 12:06
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Oct 29 12:46:48 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	113507	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	556352	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	415788	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	997574	20.000	ng	0.00
76) Chrysene-d12	21.077	240	1180653	20.000	ng	0.00
86) Perylene-d12	23.363	264	1483151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	718132	110.887	ng	0.00
7) Phenol-d6	6.947	99	1007200	112.161	ng	0.00
23) Nitrobenzene-d5	8.780	82	714555	80.669	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	856111	117.478	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2001423	81.520	ng	0.00
79) Terphenyl-d14	19.514	244	3785541	73.795	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	11560	4.786	ng	97
3) Pyridine	3.839	79	26606m	3.893	ng	
4) n-Nitrosodimethylamine	3.645	42	10707	4.049	ng	# 74
6) Aniline	7.017	93	43830m	6.369	ng	
8) 2-Chlorophenol	7.211	128	37919	4.882	ng	96
9) Benzaldehyde	6.788	77	27302	6.298	ng	98
10) Phenol	6.970	94	49587	5.089	ng	84
11) bis(2-Chloroethyl)ether	7.047	93	32618m	4.081	ng	
12) 1,3-Dichlorobenzene	7.458	146	40300	4.811	ng	95
13) 1,4-Dichlorobenzene	7.605	146	41779	4.885	ng	97
14) 1,2-Dichlorobenzene	7.934	146	40916	4.887	ng	97
15) Benzyl Alcohol	7.916	79	28567	5.337	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.069	45	52994	5.268	ng	97
17) 2-Methylphenol	8.151	107	28168	4.271	ng	97
18) Hexachloroethane	8.633	117	12928	4.628	ng	96
19) n-Nitroso-di-n-propyla...	8.374	70	28091	4.714	ng	97
20) 3+4-Methylphenols	8.492	107	37825	4.155	ng	96
22) Acetophenone	8.427	105	60939	4.824	ng	# 98
24) Nitrobenzene	8.821	77	46549	4.937	ng	98
25) Isophorone	9.279	82	78053	4.516	ng	99
26) 2-Nitrophenol	9.514	139	18016	3.954	ng	97
27) 2,4-Dimethylphenol	9.632	122	21772	3.797	ng	96
28) bis(2-Chloroethoxy)met...	9.785	93	48690	4.645	ng	99
29) 2,4-Dichlorophenol	10.061	162	33381	4.208	ng	98
30) 1,2,4-Trichlorobenzene	10.184	180	40058	4.636	ng	98
31) Naphthalene	10.390	128	138015	4.868	ng	100
32) Benzoic acid	9.826	122	8231m	9.372	ng	
33) 4-Chloroaniline	10.619	127	50006	5.072	ng	98
34) Hexachlorobutadiene	10.637	225	22825	4.462	ng	99
35) Caprolactam	11.400	113	11936m	3.925	ng	
36) 4-Chloro-3-methylphenol	11.788	107	38811	4.297	ng	95
37) 2-Methylnaphthalene	11.976	142	99239	4.859	ng	99
38) 1-Methylnaphthalene	12.205	142	93845	4.604	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	49665	4.758	ng	100
41) Hexachlorocyclopentadiene	12.317	237	14140	4.102	ng	98
43) 2,4,6-Trichlorophenol	12.652	196	29473	4.096	ng	95

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44) 2,4,5-Trichlorophenol	12.752	196	33006	4.006	ng	97
46) 1,1'-Biphenyl	13.010	154	146336	5.137	ng	99
47) 2-Chloronaphthalene	13.051	162	104534	4.645	ng	99
48) 2-Nitroaniline	13.386	65	23080	3.811	ng	95
49) Acenaphthylene	13.909	152	168800	5.072	ng	100
50) Dimethylphthalate	13.680	163	141532	4.822	ng	99
51) 2,6-Dinitrotoluene	13.815	165	28273	4.173	ng	87
52) Acenaphthene	14.244	154	104036	4.787	ng	98
53) 3-Nitroaniline	14.232	138	28038	4.161	ng	96
54) 2,4-Dinitrophenol	14.367	184	7267	7.020	ng	95
55) Dibenzofuran	14.585	168	173495	5.009	ng	98
56) 4-Nitrophenol	14.649	139	21792m	3.532	ng	
57) 2,4-Dinitrotoluene	14.602	165	34890	3.740	ng	93
58) Fluorene	15.225	166	139429	4.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.849	232	34725	4.561	ng	100
60) Diethylphthalate	15.008	149	145499	4.740	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	68759	4.782	ng	98
62) 4-Nitroaniline	15.413	138	27925m	3.725	ng	
63) Azobenzene	15.507	77	125476	4.755	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	14319	2.443	ng	86
66) n-Nitrosodiphenylamine	15.460	169	126454	4.780	ng	100
67) 4-Bromophenyl-phenylether	16.101	248	47602	4.536	ng	95
68) Hexachlorobenzene	16.201	284	62742	4.562	ng	98
69) Atrazine	16.389	200	45593	5.622	ng	99
70) Pentachlorophenol	16.606	266	23797	3.006	ng	96
71) Phenanthrene	16.959	178	244968	5.129	ng	97
72) Anthracene	17.047	178	230626	4.945	ng	96
73) Carbazole	17.376	167	231214	4.845	ng	98
74) Di-n-butylphthalate	17.822	149	241458	4.596	ng	97
75) Fluoranthene	18.962	202	294173	5.071	ng	95
77) Benzidine	19.221	184	67817	4.526	ng	98
78) Pyrene	19.332	202	317456	4.889	ng	95
80) Butylbenzylphthalate	20.184	149	124074	4.359	ng	98
81) Benzo(a)anthracene	21.054	228	350556	5.283	ng	94
82) 3,3'-Dichlorobenzidine	21.036	252	113016	4.348	ng	100
83) Chrysene	21.112	228	347547	5.417	ng	93
84) Bis(2-ethylhexyl)phtha...	20.889	149	158770	4.199	ng	95
85) Di-n-octyl phthalate	21.735	149	279069	4.497	ng	100
87) Indeno(1,2,3-cd)pyrene	25.666	276	491709	4.954	ng	99
88) Benzo(b)fluoranthene	22.646	252	373051	4.826	ng	98
89) Benzo(k)fluoranthene	22.693	252	390474	5.407	ng	97
90) Benzo(a)pyrene	23.251	252	343864	5.087	ng	98
91) Dibenzo(a,h)anthracene	25.660	278	402283	4.905	ng	99
92) Benzo(g,h,i)perylene	26.412	276	381131	4.510	ng	100

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

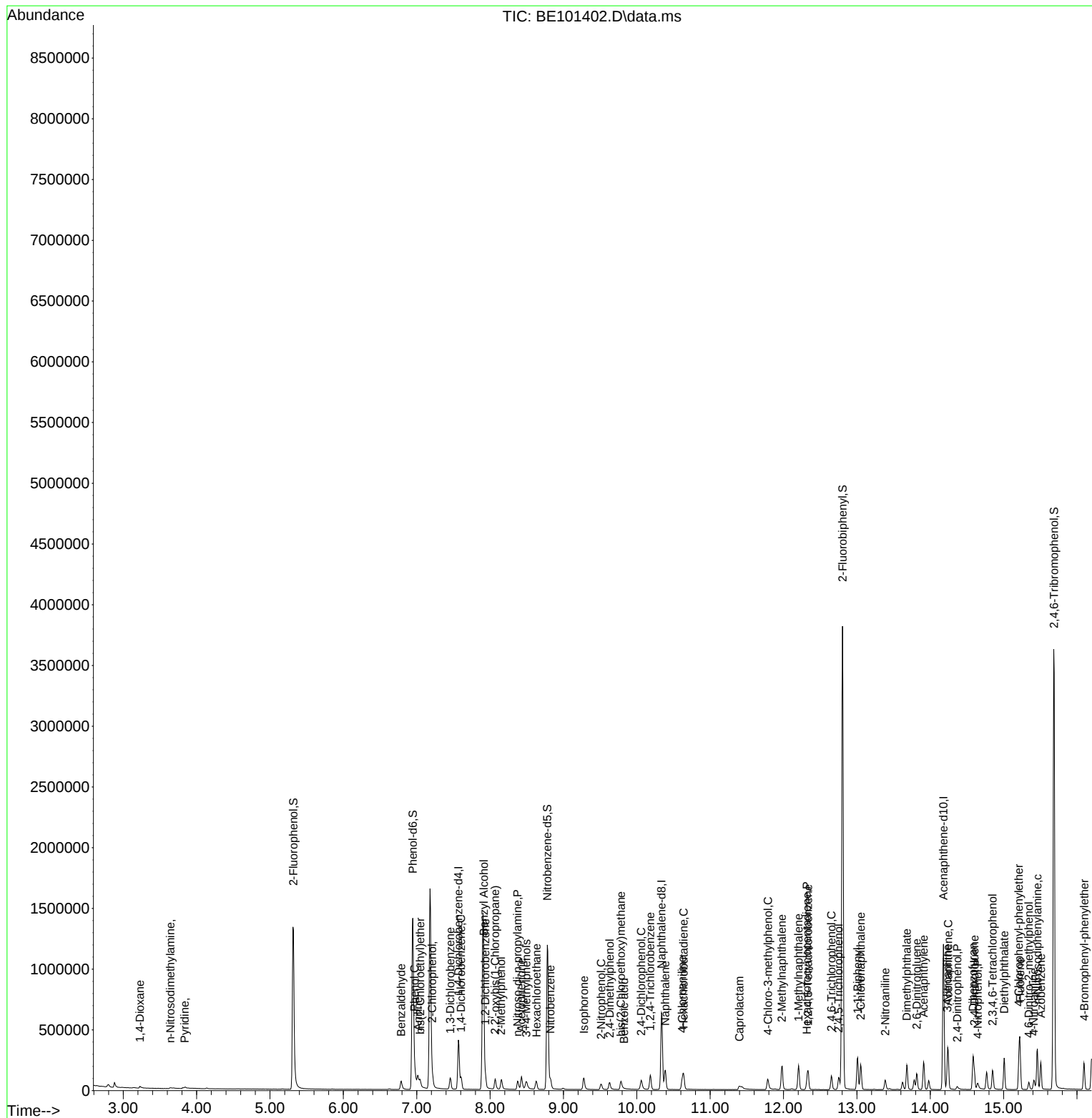
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