

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101357.D
 Acq On : 18 Sep 2024 11:09
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 18 13:15:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	189270	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	937630	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	691430	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1655965	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1916083	20.000	ng	0.00
86) Perylene-d12	23.380	264	2307618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1064466	98.334	ng	0.00
7) Phenol-d6	6.953	99	1447259	94.310	ng	0.00
23) Nitrobenzene-d5	8.786	82	1143456	77.315	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	1226324	105.449	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	3104161	77.581	ng	0.00
79) Terphenyl-d14	19.520	244	5173834	59.873	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	20810	5.049	ng	98
3) Pyridine	3.809	79	45201m	3.807	ng	
4) n-Nitrosodimethylamine	3.633	42	22745m	5.332	ng	
6) Aniline	7.023	93	83875	6.515	ng	100
8) 2-Chlorophenol	7.217	128	68781	5.288	ng	95
9) Benzaldehyde	6.794	77	51006	7.232	ng	95
10) Phenol	6.976	94	75945	4.502	ng	90
11) bis(2-Chloroethyl)ether	7.047	93	73193m	5.127	ng	
12) 1,3-Dichlorobenzene	7.458	146	74170	5.305	ng	99
13) 1,4-Dichlorobenzene	7.605	146	76070	5.341	ng	98
14) 1,2-Dichlorobenzene	7.940	146	73229	5.188	ng	98
15) Benzyl Alcohol	7.922	79	52059	5.697	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.075	45	101761	5.656	ng	99
17) 2-Methylphenol	8.163	107	51170	4.578	ng	96
18) Hexachloroethane	8.633	117	23796	5.108	ng	98
19) n-Nitroso-di-n-propyla...	8.380	70	56043	5.174	ng	95
20) 3+4-Methylphenols	8.498	107	68494	4.355	ng	96
22) Acetophenone	8.433	105	114740	5.277	ng	# 99
24) Nitrobenzene	8.827	77	83582	5.293	ng	98
25) Isophorone	9.279	82	158833	5.246	ng	98
26) 2-Nitrophenol	9.520	139	34182	4.587	ng	99
27) 2,4-Dimethylphenol	9.632	122	43780m	4.576	ng	
28) bis(2-Chloroethoxy)met...	9.790	93	94946	5.184	ng	99
29) 2,4-Dichlorophenol	10.067	162	64880	4.952	ng	97
30) 1,2,4-Trichlorobenzene	10.190	180	74709	5.277	ng	98
31) Naphthalene	10.390	128	249669	5.277	ng	100
32) Benzoic acid	9.820	122	13497	8.465	ng	91
33) 4-Chloroaniline	10.625	127	91481	5.054	ng	98
34) Hexachlorobutadiene	10.642	225	41744	5.075	ng	96
35) Caprolactam	11.406	113	23255m	4.394	ng	
36) 4-Chloro-3-methylphenol	11.794	107	69360	4.481	ng	96
37) 2-Methylnaphthalene	11.982	142	182910	5.286	ng	100
38) 1-Methylnaphthalene	12.211	142	176371	5.081	ng	100
40) 1,2,4,5-Tetrachloroben...	12.335	216	90800	5.451	ng	100
41) Hexachlorocyclopentadiene	12.323	237	14426	2.636	ng	94
43) 2,4,6-Trichlorophenol	12.658	196	56278	4.771	ng	99

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44) 2,4,5-Trichlorophenol	12.758	196	63162	4.746	ng	99
46) 1,1'-Biphenyl	13.010	154	266063	5.678	ng	100
47) 2-Chloronaphthalene	13.057	162	194903	5.288	ng	99
48) 2-Nitroaniline	13.392	65	40128	4.047	ng	96
49) Acenaphthylene	13.915	152	316027	5.746	ng	97
50) Dimethylphthalate	13.686	163	276771	5.547	ng	99
51) 2,6-Dinitrotoluene	13.821	165	52000	4.657	ng	95
52) Acenaphthene	14.250	154	192911	5.321	ng	96
53) 3-Nitroaniline	14.238	138	49604	4.319	ng	97
54) 2,4-Dinitrophenol	14.373	184	19739	2.970	ng	98
55) Dibenzofuran	14.591	168	326134	5.695	ng	96
56) 4-Nitrophenol	14.655	139	37421	3.919	ng	99
57) 2,4-Dinitrotoluene	14.608	165	65088	4.282	ng	87
58) Fluorene	15.225	166	266491	5.523	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	65423	5.198	ng	100
60) Diethylphthalate	15.014	149	289879	5.600	ng	98
61) 4-Chlorophenyl-phenyle...	15.214	204	128784	5.441	ng	99
62) 4-Nitroaniline	15.419	138	49618	4.145	ng	92
63) Azobenzene	15.513	77	247893	5.604	ng	96
65) 4,6-Dinitro-2-methylph...	15.349	198	32627	3.470	ng	96
66) n-Nitrosodiphenylamine	15.466	169	234363	5.310	ng	100
67) 4-Bromophenyl-phenylether	16.107	248	87973	5.114	ng	96
68) Hexachlorobenzene	16.206	284	114407	5.146	ng	97
69) Atrazine	16.400	200	88523	6.073	ng	99
70) Pentachlorophenol	16.612	266	51536	3.880	ng	98
71) Phenanthrene	16.964	178	458019	5.824	ng	96
72) Anthracene	17.047	178	409929	5.356	ng	96
73) Carbazole	17.382	167	430848	5.493	ng	98
74) Di-n-butylphthalate	17.828	149	519903	6.037	ng	# 95
75) Fluoranthene	18.968	202	567364	5.992	ng	95
77) Benzidine	19.227	184	78295	2.462	ng	99
78) Pyrene	19.338	202	605591	5.683	ng	92
80) Butylbenzylphthalate	20.190	149	262381	5.562	ng	99
81) Benzo(a)anthracene	21.060	228	658292	6.118	ng	92
82) 3,3'-Dichlorobenzidine	21.042	252	209216	4.962	ng	99
83) Chrysene	21.118	228	639955	6.191	ng	91
84) Bis(2-ethylhexyl)phtha...	20.895	149	376220	6.031	ng	# 94
85) Di-n-octyl phthalate	21.741	149	610689	5.997	ng	99
87) Indeno(1,2,3-cd)pyrene	25.689	276	876050	5.762	ng	98
88) Benzo(b)fluoranthene	22.658	252	684436	5.727	ng	94
89) Benzo(k)fluoranthene	22.705	252	702375	6.227	ng	94
90) Benzo(a)pyrene	23.263	252	622595	5.903	ng	97
91) Dibenzo(a,h)anthracene	25.684	278	732462	5.754	ng	98
92) Benzo(g,h,i)perylene	26.436	276	688794	5.329	ng	97

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

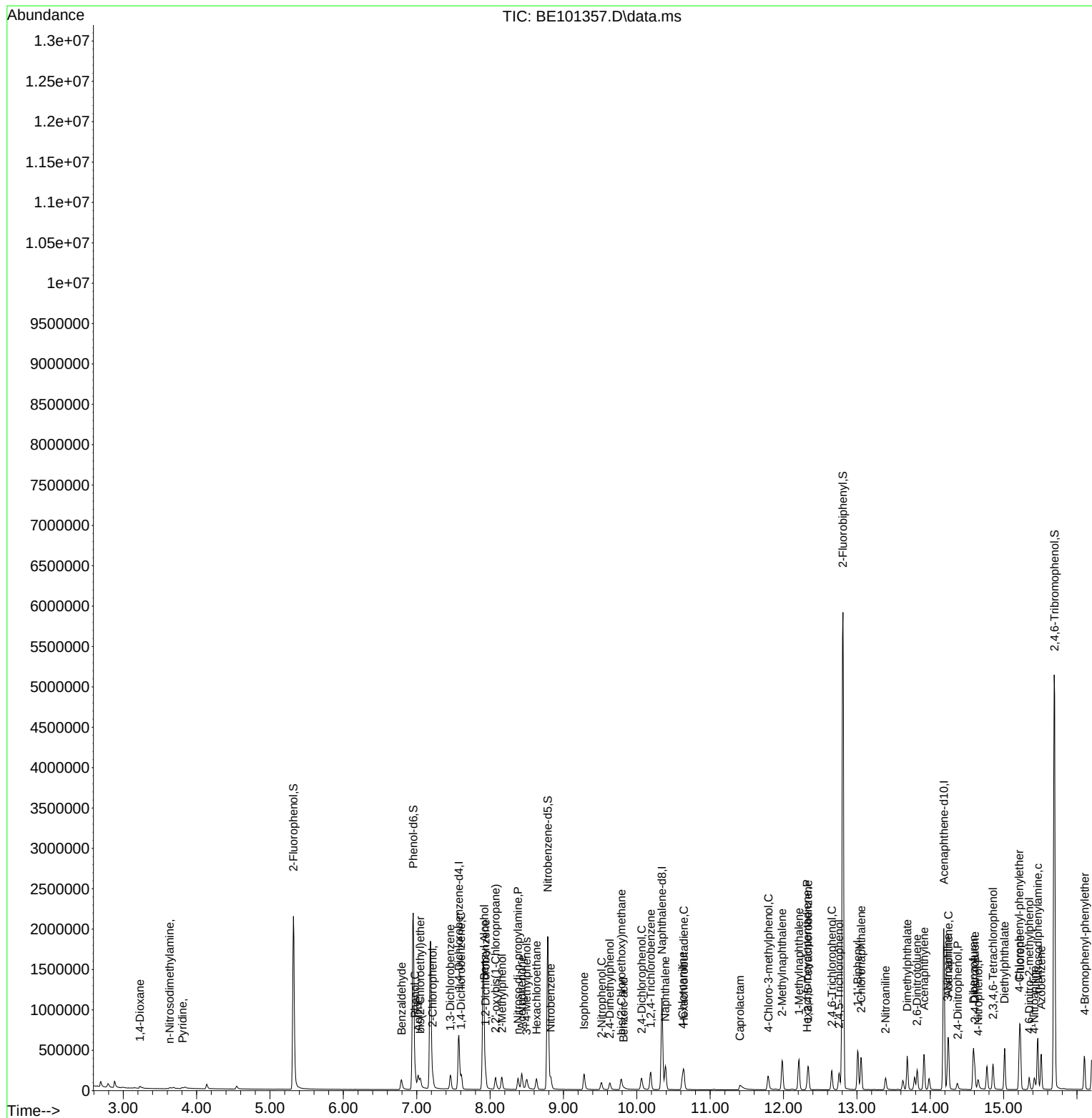
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