

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101407.D
 Acq On : 29 Oct 2024 15:08
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 29 15:45:39 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	7.573	152	115718	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	571894	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	432347	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	1011839	20.000	ng	0.00
76) Chrysene-d12	21.075	240	1139291	20.000	ng	0.00
86) Perylene-d12	23.360	264	1430347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	648717	98.255	ng	0.00
7) Phenol-d6	6.944	99	933982	102.020	ng	0.00
23) Nitrobenzene-d5	8.783	82	671661	73.766	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	808898	106.748	ng	0.00
45) 2-Fluorobiphenyl	12.802	172	1885557	73.859	ng	0.00
79) Terphenyl-d14	19.506	244	3502256	70.751	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	21972	8.923	ng	99
3) Pyridine	3.754	79	44895m	6.444	ng	
4) n-Nitrosodimethylamine	3.613	42	22736m	8.434	ng	
6) Aniline	7.015	93	79230m	11.293	ng	
8) 2-Chlorophenol	7.214	128	69834	8.819	ng	96
9) Benzaldehyde	6.785	77	50985	11.537	ng	98
10) Phenol	6.968	94	88986m	8.958	ng	
11) bis(2-Chloroethyl)ether	7.044	93	64465m	7.911	ng	
12) 1,3-Dichlorobenzene	7.455	146	73040	8.554	ng	97
13) 1,4-Dichlorobenzene	7.608	146	74289	8.520	ng	97
14) 1,2-Dichlorobenzene	7.937	146	73508	8.612	ng	99
15) Benzyl Alcohol	7.913	79	49774	9.121	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.066	45	97539	9.512	ng	99
17) 2-Methylphenol	8.154	107	53177	7.910	ng	97
18) Hexachloroethane	8.630	117	24159	8.484	ng	98
19) n-Nitroso-di-n-propyla...	8.372	70	56861	9.360	ng	98
20) 3+4-Methylphenols	8.489	107	74267	8.003	ng	97
22) Acetophenone	8.425	105	116204	8.949	ng	# 99
24) Nitrobenzene	8.824	77	82704	8.534	ng	98
25) Isophorone	9.271	82	158983	8.948	ng	98
26) 2-Nitrophenol	9.512	139	37896	8.091	ng	100
27) 2,4-Dimethylphenol	9.623	122	40286	6.835	ng	98
28) bis(2-Chloroethoxy)met...	9.776	93	93006	8.631	ng	99
29) 2,4-Dichlorophenol	10.058	162	66501	8.156	ng	99
30) 1,2,4-Trichlorobenzene	10.181	180	74190	8.352	ng	98
31) Naphthalene	10.387	128	252633	8.669	ng	98
32) Benzoic acid	9.823	122	23609m	11.443	ng	
33) 4-Chloroaniline	10.616	127	99709	9.839	ng	99
34) Hexachlorobutadiene	10.640	225	42318	8.048	ng	97
35) Caprolactam	11.380	113	24202m	7.743	ng	
36) 4-Chloro-3-methylphenol	11.780	107	77383	8.335	ng	98
37) 2-Methylnaphthalene	11.979	142	184913	8.807	ng	98
38) 1-Methylnaphthalene	12.203	142	174662	8.335	ng	100
40) 1,2,4,5-Tetrachloroben...	12.332	216	92030	8.479	ng	99
41) Hexachlorocyclopentadiene	12.314	237	25577	7.136	ng	100
43) 2,4,6-Trichlorophenol	12.649	196	61223	8.182	ng	99

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44) 2,4,5-Trichlorophenol	12.749	196	68949	8.047	ng	97
46) 1,1'-Biphenyl	13.008	154	266977	9.013	ng	99
47) 2-Chloronaphthalene	13.049	162	195424	8.351	ng	99
48) 2-Nitroaniline	13.384	65	48102	7.638	ng	95
49) Acenaphthylene	13.912	152	324223	9.368	ng	99
50) Dimethylphthalate	13.683	163	274325	8.989	ng	99
51) 2,6-Dinitrotoluene	13.818	165	56109	7.963	ng	99
52) Acenaphthene	14.241	154	194427	8.604	ng	99
53) 3-Nitroaniline	14.230	138	58857	8.401	ng	98
54) 2,4-Dinitrophenol	14.365	184	20299	9.387	ng	# 89
55) Dibenzofuran	14.582	168	325936	9.049	ng	98
56) 4-Nitrophenol	14.641	139	47224	7.360	ng	96
57) 2,4-Dinitrotoluene	14.600	165	74337	7.663	ng	# 87
58) Fluorene	15.223	166	269351	8.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.847	232	66979	8.461	ng	99
60) Diethylphthalate	15.005	149	280802	8.797	ng	98
61) 4-Chlorophenyl-phenyle...	15.211	204	129959	8.692	ng	98
62) 4-Nitroaniline	15.411	138	61650	7.908	ng	99
63) Azobenzene	15.505	77	247780	9.030	ng	98
65) 4,6-Dinitro-2-methylph...	15.340	198	35088	5.901	ng	93
66) n-Nitrosodiphenylamine	15.458	169	240022	8.945	ng	99
67) 4-Bromophenyl-phenylether	16.092	248	89275	8.388	ng	98
68) Hexachlorobenzene	16.198	284	116223	8.331	ng	99
69) Atrazine	16.386	200	86642	10.532	ng	99
70) Pentachlorophenol	16.603	266	56494m	7.035	ng	
71) Phenanthrene	16.956	178	457870	9.451	ng	98
72) Anthracene	17.044	178	443070	9.366	ng	97
73) Carbazole	17.373	167	434826	8.984	ng	98
74) Di-n-butylphthalate	17.820	149	479082	8.991	ng	97
75) Fluoranthene	18.959	202	551191	9.367	ng	95
77) Benzidine	19.212	184	186995	12.932	ng	99
78) Pyrene	19.330	202	592975	9.465	ng	96
80) Butylbenzylphthalate	20.181	149	241382	8.788	ng	97
81) Benzo(a)anthracene	21.051	228	631652	9.864	ng	95
82) 3,3'-Dichlorobenzidine	21.028	252	227196	9.057	ng	98
83) Chrysene	21.110	228	613259	9.905	ng	93
84) Bis(2-ethylhexyl)phtha...	20.881	149	323186	8.858	ng	# 95
85) Di-n-octyl phthalate	21.733	149	546397	9.124	ng	99
87) Indeno(1,2,3-cd)pyrene	25.663	276	879275	9.185	ng	99
88) Benzo(b)fluoranthene	22.649	252	656933	8.813	ng	97
89) Benzo(k)fluoranthene	22.690	252	693128	9.953	ng	97
90) Benzo(a)pyrene	23.248	252	621175	9.529	ng	97
91) Dibenzo(a,h)anthracene	25.663	278	718714	9.086	ng	98
92) Benzo(g,h,i)perylene	26.415	276	672798	8.255	ng	99

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

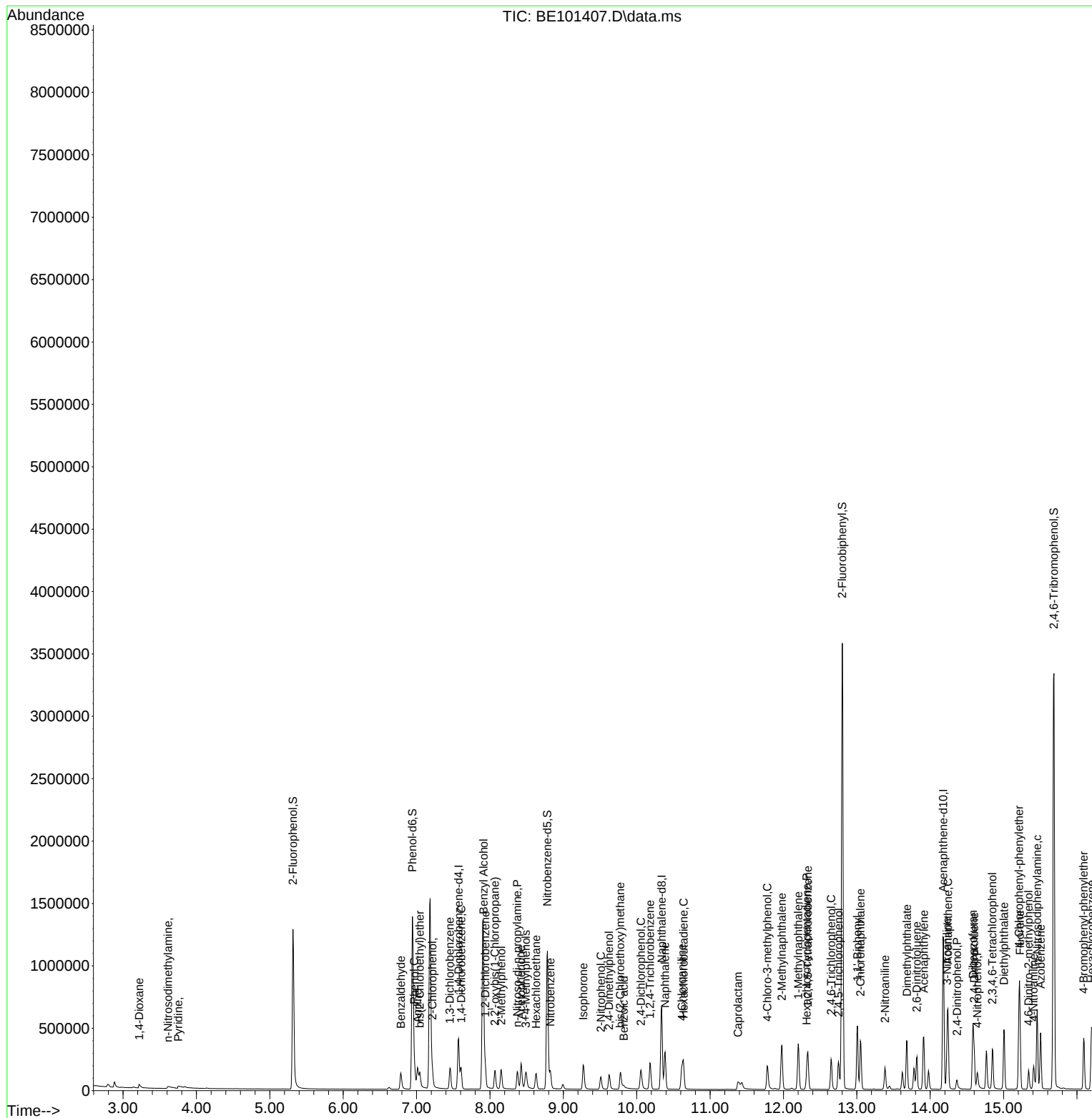
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