

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101419.D
 Acq On : 30 Oct 2024 11:47
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 8 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 30 12:35:38 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 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	168895	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	843710	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	621306	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1430016	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1575417	20.000	ng	0.00
86) Perylene-d12	23.363	264	1898815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	1174431	121.874	ng	0.00
7) Phenol-d6	6.947	99	1678811	125.641	ng	0.00
23) Nitrobenzene-d5	8.781	82	1231048	91.644	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1402912	128.832	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	3156996	86.052	ng	0.00
79) Terphenyl-d14	19.509	244	4733219	69.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	30127	8.382	ng	99
3) Pyridine	3.716	79	73702m	7.248	ng	
4) n-Nitrosodimethylamine	3.593	42	31775	8.076	ng	# 92
6) Aniline	7.012	93	122093	11.923	ng	99
8) 2-Chlorophenol	7.212	128	99479	8.607	ng	97
9) Benzaldehyde	6.783	77	76196	11.813	ng	97
10) Phenol	6.971	94	126503m	8.726	ng	
11) bis(2-Chloroethyl)ether	7.041	93	98894m	8.315	ng	
12) 1,3-Dichlorobenzene	7.459	146	104263	8.366	ng	99
13) 1,4-Dichlorobenzene	7.605	146	103812	8.157	ng	98
14) 1,2-Dichlorobenzene	7.934	146	103494	8.308	ng	98
15) Benzyl Alcohol	7.911	79	79450	9.975	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.070	45	140296	9.373	ng	100
17) 2-Methylphenol	8.152	107	74909	7.634	ng	98
18) Hexachloroethane	8.628	117	34807	8.375	ng	98
19) n-Nitroso-di-n-propyla...	8.369	70	80655	9.096	ng	99
20) 3+4-Methylphenols	8.487	107	104181	7.692	ng	98
22) Acetophenone	8.422	105	166398	8.686	ng	# 98
24) Nitrobenzene	8.822	77	119253	8.341	ng	99
25) Isophorone	9.274	82	225191	8.591	ng	98
26) 2-Nitrophenol	9.509	139	55414	8.019	ng	96
27) 2,4-Dimethylphenol	9.627	122	48051	5.526	ng	97
28) bis(2-Chloroethoxy)met...	9.774	93	133305	8.386	ng	99
29) 2,4-Dichlorophenol	10.056	162	96165	7.994	ng	99
30) 1,2,4-Trichlorobenzene	10.185	180	106387	8.118	ng	99
31) Naphthalene	10.385	128	352766	8.205	ng	100
32) Benzoic acid	9.826	122	33308m	11.302	ng	
33) 4-Chloroaniline	10.614	127	138252	9.247	ng	98
34) Hexachlorobutadiene	10.637	225	60881	7.849	ng	97
35) Caprolactam	11.383	113	33880m	7.347	ng	
36) 4-Chloro-3-methylphenol	11.783	107	104488	7.629	ng	97
37) 2-Methylnaphthalene	11.977	142	259784	8.387	ng	100
38) 1-Methylnaphthalene	12.200	142	241600	7.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.329	216	129406	8.297	ng	99
41) Hexachlorocyclopentadiene	12.318	237	23968	4.653	ng	97
43) 2,4,6-Trichlorophenol	12.653	196	85145	7.919	ng	96

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44) 2,4,5-Trichlorophenol	12.746	196	94943	7.711	ng	97
46) 1,1'-Biphenyl	13.005	154	367969	8.645	ng	99
47) 2-Chloronaphthalene	13.052	162	272071	8.090	ng	99
48) 2-Nitroaniline	13.381	65	67973	7.510	ng	96
49) Acenaphthylene	13.910	152	443287	8.913	ng	99
50) Dimethylphthalate	13.681	163	368902	8.412	ng	99
51) 2,6-Dinitrotoluene	13.816	165	76180	7.524	ng	97
52) Acenaphthene	14.239	154	265178	8.166	ng	100
53) 3-Nitroaniline	14.227	138	81590	8.104	ng	98
54) 2,4-Dinitrophenol	14.362	184	34264	10.045	ng	98
55) Dibenzofuran	14.580	168	443467	8.568	ng	98
56) 4-Nitrophenol	14.638	139	62870	6.819	ng	98
57) 2,4-Dinitrotoluene	14.603	165	104109	7.469	ng	98
58) Fluorene	15.220	166	359613	8.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.850	232	92574	8.137	ng	99
60) Diethylphthalate	15.009	149	377401	8.227	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	177453	8.259	ng	97
62) 4-Nitroaniline	15.408	138	84646	7.555	ng	99
63) Azobenzene	15.508	77	331947	8.419	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	53467	6.363	ng	99
66) n-Nitrosodiphenylamine	15.461	169	316659	8.350	ng	99
67) 4-Bromophenyl-phenylether	16.096	248	122818	8.165	ng	97
68) Hexachlorobenzene	16.201	284	155930	7.908	ng	95
69) Atrazine	16.389	200	117872	10.139	ng	99
70) Pentachlorophenol	16.607	266	78824	6.945	ng	97
71) Phenanthrene	16.953	178	595123	8.692	ng	97
72) Anthracene	17.041	178	558821	8.359	ng	98
73) Carbazole	17.371	167	575845	8.418	ng	97
74) Di-n-butylphthalate	17.823	149	663368	8.809	ng	97
75) Fluoranthene	18.957	202	718007	8.634	ng	97
77) Benzidine	19.215	184	198598	9.933	ng	99
78) Pyrene	19.327	202	777187	8.971	ng	95
80) Butylbenzylphthalate	20.179	149	334178	8.799	ng	97
81) Benzo(a)anthracene	21.054	228	829381	9.366	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	298510	8.606	ng	100
83) Chrysene	21.107	228	801049	9.356	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	447585	8.871	ng	97
85) Di-n-octyl phthalate	21.730	149	770657	9.306	ng	99
87) Indeno(1,2,3-cd)pyrene	25.667	276	1142319	8.989	ng	99
88) Benzo(b)fluoranthene	22.647	252	877663	8.869	ng	97
89) Benzo(k)fluoranthene	22.694	252	878942	9.507	ng	96
90) Benzo(a)pyrene	23.246	252	800650	9.252	ng	99
91) Dibenzo(a,h)anthracene	25.661	278	932736	8.883	ng	99
92) Benzo(g,h,i)perylene	26.413	276	873792	8.076	ng	99

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

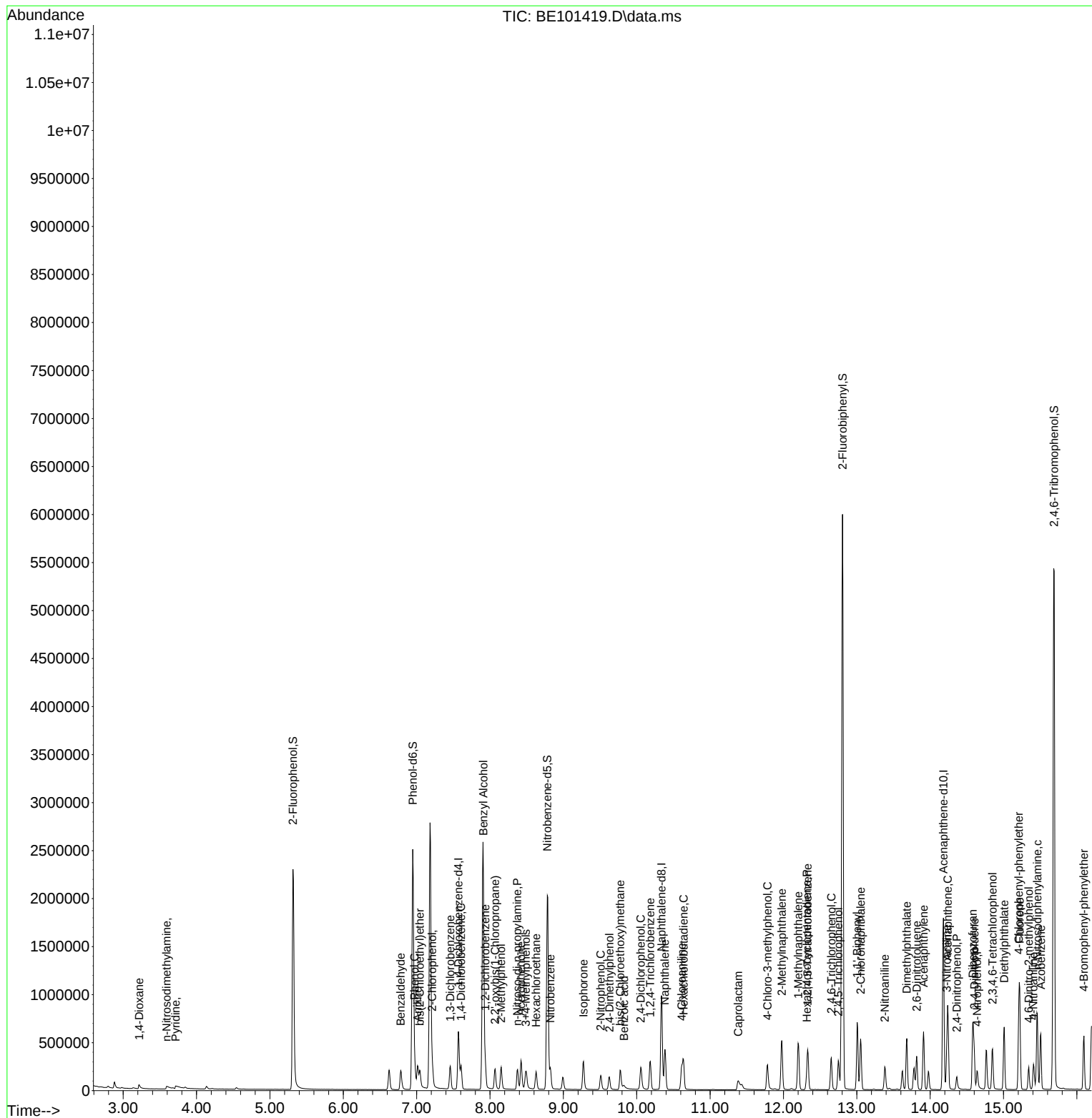
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