

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101373.D
 Acq On : 19 Sep 2024 11:04
 Operator : RC/JU
 Sample : P2403-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 11:44:09 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	7.576	152	131309	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	619481	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	448629	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1092847	20.000	ng	0.00
76) Chrysene-d12	21.078	240	1332514	20.000	ng	0.00
86) Perylene-d12	23.370	264	1633041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	1062935	141.535	ng	0.00
7) Phenol-d6	6.948	99	1444921	135.719	ng	0.00
23) Nitrobenzene-d5	8.787	82	1018332	104.217	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1161478	153.924	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2664419	102.630	ng	0.00
79) Terphenyl-d14	19.515	244	4559969	75.879	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	28395	9.929	ng	98
3) Pyridine	3.775	79	56440m	6.852	ng	
4) n-Nitrosodimethylamine	3.622	42	23971	8.100	ng	# 96
6) Aniline	7.018	93	106227	11.893	ng	97
8) 2-Chlorophenol	7.218	128	82752	9.170	ng	98
9) Benzaldehyde	6.789	77	61572	12.584	ng	98
10) Phenol	6.977	94	94783	8.100	ng	94
11) bis(2-Chloroethyl)ether	7.047	93	79655m	8.043	ng	
12) 1,3-Dichlorobenzene	7.459	146	86370	8.905	ng	98
13) 1,4-Dichlorobenzene	7.606	146	90062	9.114	ng	99
14) 1,2-Dichlorobenzene	7.935	146	87942	8.981	ng	99
15) Benzyl Alcohol	7.917	79	65002	10.254	ng	85
16) 2,2'-oxybis(1-Chloropr...	8.070	45	118502	9.494	ng	98
17) 2-Methylphenol	8.158	107	63201	8.151	ng	95
18) Hexachloroethane	8.628	117	28198	8.725	ng	95
19) n-Nitroso-di-n-propyla...	8.381	70	63255	8.418	ng	96
20) 3+4-Methylphenols	8.493	107	87025	7.976	ng	98
22) Acetophenone	8.428	105	134161	9.339	ng	# 99
24) Nitrobenzene	8.828	77	97871	9.382	ng	99
25) Isophorone	9.280	82	178175	8.907	ng	99
26) 2-Nitrophenol	9.515	139	41067	8.341	ng	97
27) 2,4-Dimethylphenol	9.627	122	46175	7.305	ng	98
28) bis(2-Chloroethoxy)met...	9.785	93	108342	8.954	ng	98
29) 2,4-Dichlorophenol	10.062	162	75643	8.739	ng	98
30) 1,2,4-Trichlorobenzene	10.185	180	85806	9.173	ng	97
31) Naphthalene	10.391	128	288948	9.244	ng	99
32) Benzoic acid	9.821	122	29041m	10.994	ng	
33) 4-Chloroaniline	10.620	127	111348	9.311	ng	99
34) Hexachlorobutadiene	10.637	225	48702	8.961	ng	99
35) Caprolactam	11.401	113	29324m	8.386	ng	
36) 4-Chloro-3-methylphenol	11.789	107	83881	8.202	ng	98
37) 2-Methylnaphthalene	11.983	142	208775	9.133	ng	100
38) 1-Methylnaphthalene	12.206	142	197795	8.625	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	100490	9.298	ng	99
41) Hexachlorocyclopentadiene	12.318	237	29855	8.408	ng	96
43) 2,4,6-Trichlorophenol	12.659	196	65411	8.546	ng	99

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44) 2,4,5-Trichlorophenol	12.753	196	71945	8.331	ng	98
46) 1,1'-Biphenyl	13.011	154	295088	9.706	ng	99
47) 2-Chloronaphthalene	13.052	162	219332	9.171	ng	98
48) 2-Nitroaniline	13.387	65	53635	8.336	ng	98
49) Acenaphthylene	13.916	152	360446	10.101	ng	96
50) Dimethylphthalate	13.687	163	305875	9.449	ng	100
51) 2,6-Dinitrotoluene	13.822	165	59894	8.267	ng	98
52) Acenaphthene	14.245	154	214632	9.125	ng	96
53) 3-Nitroaniline	14.233	138	64888	8.707	ng	98
54) 2,4-Dinitrophenol	14.368	184	26093	6.050	ng	89
55) Dibenzofuran	14.586	168	363245	9.776	ng	97
56) 4-Nitrophenol	14.650	139	53526	8.639	ng	96
57) 2,4-Dinitrotoluene	14.603	165	80236	8.135	ng	# 86
58) Fluorene	15.226	166	293996	9.391	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.856	232	74852	9.166	ng	100
60) Diethylphthalate	15.009	149	323298	9.626	ng	98
61) 4-Chlorophenyl-phenyle...	15.214	204	142181	9.259	ng	97
62) 4-Nitroaniline	15.420	138	68795	8.858	ng	98
63) Azobenzene	15.508	77	281059	9.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.350	198	40947	6.598	ng	92
66) n-Nitrosodiphenylamine	15.461	169	267472	9.182	ng	98
67) 4-Bromophenyl-phenylether	16.102	248	96082	8.463	ng	96
68) Hexachlorobenzene	16.201	284	124265	8.469	ng	98
69) Atrazine	16.395	200	104110	10.823	ng	99
70) Pentachlorophenol	16.613	266	65426	7.463	ng	98
71) Phenanthrene	16.959	178	514987	9.922	ng	97
72) Anthracene	17.048	178	493125	9.763	ng	96
73) Carbazole	17.377	167	512457	9.901	ng	98
74) Di-n-butylphthalate	17.829	149	583941	10.275	ng	# 95
75) Fluoranthene	18.963	202	654384	10.473	ng	94
77) Benzidine	19.221	184	220992	9.993	ng	99
78) Pyrene	19.333	202	708042	9.554	ng	92
80) Butylbenzylphthalate	20.185	149	304013	9.267	ng	99
81) Benzo(a)anthracene	21.060	228	775647	10.365	ng	93
82) 3,3'-Dichlorobenzidine	21.037	252	276757	9.439	ng	96
83) Chrysene	21.113	228	743940	10.349	ng	91
84) Bis(2-ethylhexyl)phtha...	20.890	149	401105	9.245	ng	# 94
85) Di-n-octyl phthalate	21.742	149	700769	9.895	ng	99
87) Indeno(1,2,3-cd)pyrene	25.684	276	1062429	9.875	ng	98
88) Benzo(b)fluoranthene	22.659	252	798004	9.435	ng	95
89) Benzo(k)fluoranthene	22.700	252	850334	10.652	ng	94
90) Benzo(a)pyrene	23.258	252	750397	10.053	ng	97
91) Dibenzo(a,h)anthracene	25.679	278	877303	9.740	ng	98
92) Benzo(g,h,i)perylene	26.431	276	820041	8.966	ng	99

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

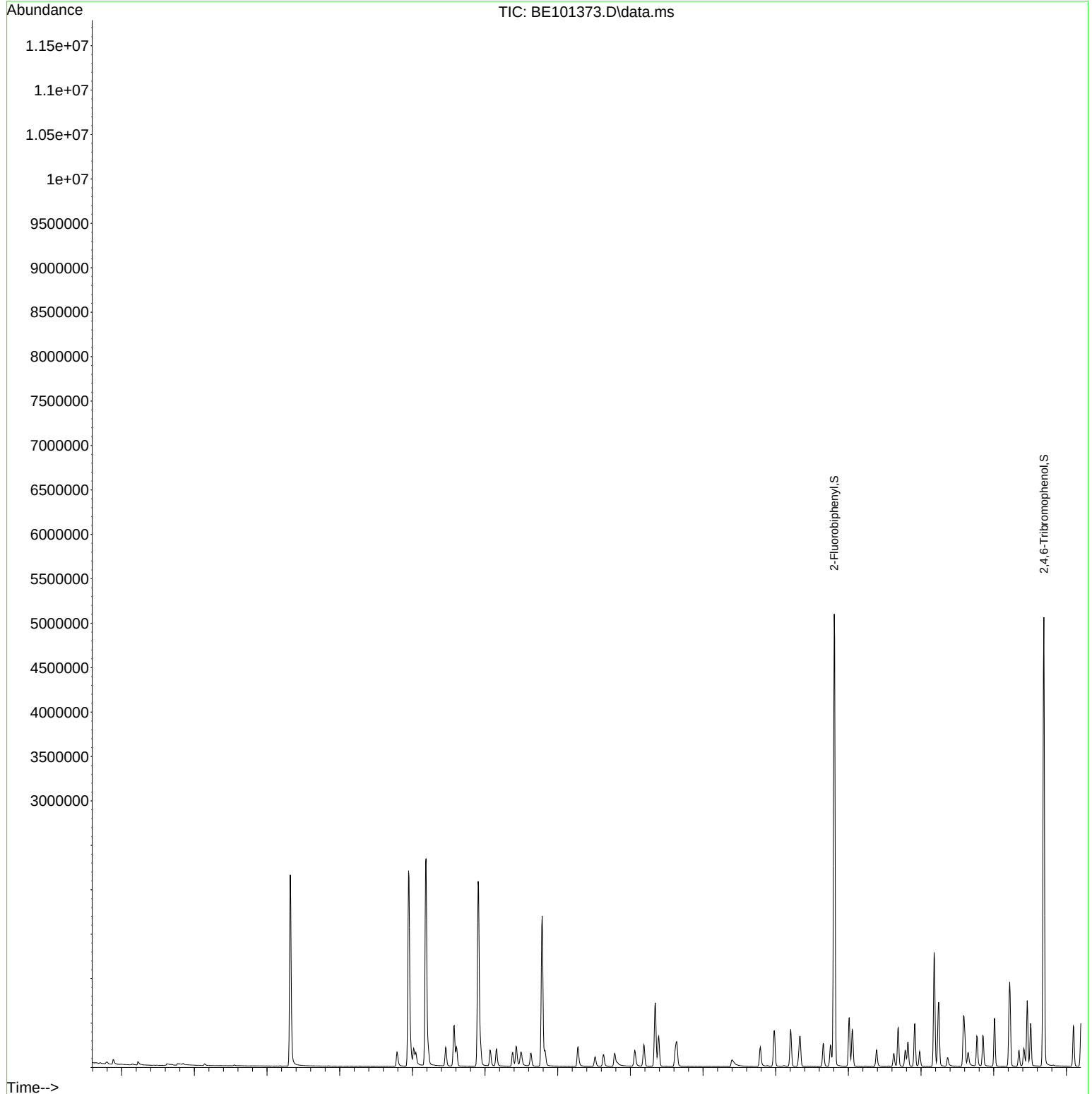
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