

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014510.D
 Acq On : 03 Jan 2020 20:23
 Operator : SY/VA
 Sample : K6482-01
 Misc : 6.29G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-123119-0-1-GRAB-B6

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.909	482	493	507	rVB3	11271	37457	2.74%	0.692%
2	7.884	972	981	986	rBV2	66313	152477	11.14%	2.816%
3	7.945	986	991	1003	rVB	110082	245503	17.93%	4.535%
4	8.305	1042	1050	1059	rBV2	59283	138296	10.10%	2.554%
5	8.841	1130	1138	1150	rBV	146071	297747	21.75%	5.499%
6	10.323	1373	1381	1389	rBV	204767	360554	26.33%	6.660%
7	11.244	1519	1532	1533	rBV3	8005	17721	1.29%	0.327%
8	11.628	1589	1595	1606	rBV	151208	272687	19.92%	5.037%
9	12.390	1705	1720	1721	rBV4	23447	54786	4.00%	1.012%
10	12.621	1752	1758	1769	rVB2	65306	120211	8.78%	2.220%
11	12.871	1777	1799	1827	rBV5	59850	437260	31.93%	8.076%
12	13.316	1855	1872	1882	rBV3	122102	583265	42.60%	10.773%
13	13.438	1884	1892	1907	rVV2	88330	357550	26.11%	6.604%
14	13.560	1907	1912	1920	rVB	43257	71698	5.24%	1.324%
15	13.859	1948	1961	1966	rBV7	20431	68870	5.03%	1.272%
16	13.950	1968	1976	1987	rVB2	49273	178664	13.05%	3.300%
17	14.292	2022	2032	2048	rVB4	26961	91910	6.71%	1.698%
18	14.523	2058	2070	2086	rBV5	43994	162616	11.88%	3.004%
19	14.950	2126	2140	2154	rBV	416969	1369247	100.00%	25.290%
20	15.078	2156	2161	2168	rVB9	7924	22983	1.68%	0.425%
21	15.334	2193	2203	2214	rVV4	31221	114695	8.38%	2.118%
22	15.487	2225	2228	2237	rVB6	7704	17903	1.31%	0.331%
23	15.645	2241	2254	2271	rVB2	55806	221793	16.20%	4.097%
24	16.432	2377	2383	2392	rVB9	6535	18202	1.33%	0.336%

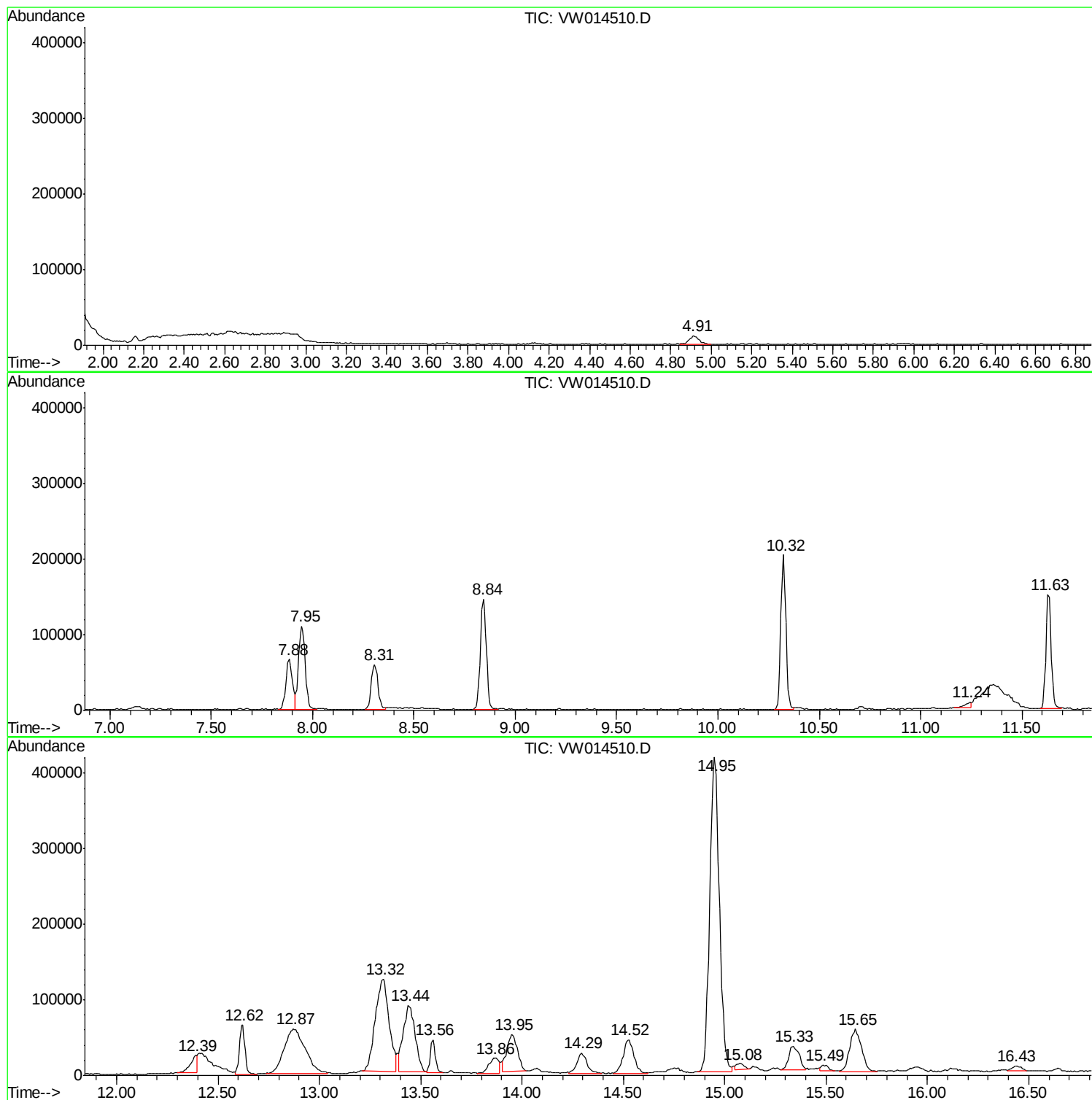
Sum of corrected areas: 5414095

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	304.93 ug/l	437260	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95

Peak Number 2 Naphthalene, 1,8-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	406.75 ug/l	583265	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	249.34 ug/l	357550	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 95

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.29	64.10 ug/l	91910	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94

 Peak Number 5 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	113.40 ug/l	162616	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	89
2	Acenaphthylene	152	C12H8	000208-96-8	58
3	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	53
4	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	53
5	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	42

 Peak Number 6 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.95	954.87 ug/l	1369250	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	86
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
3	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	40
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	40
5	Biphenyl	154	C12H10	000092-52-4	37

 Peak Number 7 unknown15.08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.08	16.03 ug/l	22983	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	47
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	47
3	2,5-Cyclohexadien-1-one, 4,4-dim...	198	C14H14O	055162-56-6	43
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38

Peak Number 8 Dibenzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	154.67 ug/l	221793	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	90
2			Pyrimidine, 2-(dimethylamino)-5-...	168	C6H8N4O2	014233-44-4	50
3			3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50
4			Tioxolone	168	C7H4O3S	004991-65-5	40
5			Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	38

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,5-...	12.87	304.9	ug/l	437260	4	13.56	71698	50.0
Naphthalene, 1,8-...	13.32	406.8	ug/l	583265	4	13.56	71698	50.0
Naphthalene, 2,3-...	13.44	249.3	ug/l	357550	4	13.56	71698	50.0
Naphthalene, 1,2-...	14.29	64.1	ug/l	91910	4	13.56	71698	50.0
Biphenylene	14.52	113.4	ug/l	162616	4	13.56	71698	50.0
Acenaphthene	14.95	954.9	ug/l	1369250	4	13.56	71698	50.0
unknown15.08	15.08	16.0	ug/l	22983	4	13.56	71698	50.0
Dibenzofuran	15.65	154.7	ug/l	221793	4	13.56	71698	50.0