

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060739.D
 Acq On : 15 Nov 2018 10:13
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/16/2018 1:25:43 PM

Quant Time: Nov 15 14:03:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	245868	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.56	114	408523	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	359943	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	193629	50.00	ug/l	-0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.81	65	130419	46.50	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	4.08	113	152010	49.50	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	7.53	98	403750	51.33	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.38	95	184066	50.71	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	101.42%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	194655	44.24	ug/l	97
3) Chloromethane	1.10	50	125930	46.15	ug/l	94
4) Vinyl Chloride	1.14	62	115057	47.13	ug/l	96
5) Bromomethane	1.31	94	72114	46.51	ug/l	99
6) Chloroethane	1.37	64	49100	51.41	ug/l	99
7) Trichlorofluoromethane	1.48	101	240027	44.46	ug/l	97
8) Diethyl Ether	1.62	74	32518	47.02	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.82	101	124331	48.87	ug/l	95
10) Methyl Iodide	1.89	142	196060m	48.04	ug/l	
11) Tert butyl alcohol	2.56	59	30182	236.48	ug/l	98
12) 1,1-Dichloroethene	1.78	96	99542	49.63	ug/l	94
13) Acrolein	1.98	56	28510	244.30	ug/l	96
14) Allyl chloride	2.07	41	144149	41.02	ug/l	92
15) Acrylonitrile	2.91	53	66111	243.09	ug/l	96
16) Acetone	2.22	43	172640	288.01	ug/l	94
17) Carbon Disulfide	1.82	76	285181	47.04	ug/l	97
18) Methyl Acetate	2.32	43	45245	45.97	ug/l	97
19) Methyl tert-butyl Ether	2.41	73	230005	47.80	ug/l	99
20) Methylene Chloride	2.22	84	92997m	46.48	ug/l	
21) trans-1,2-Dichloroethene	2.29	96	103974	49.61	ug/l	96
22) Diisopropyl ether	2.77	45	334713	49.34	ug/l	97
23) Vinyl Acetate	3.16	43	828219	259.24	ug/l	99
24) 1,1-Dichloroethane	2.84	63	202378	49.27	ug/l	99
25) 2-Butanone	4.29	43	257403	261.07	ug/l	97
26) 2,2-Dichloropropane	3.56	77	130624	40.41	ug/l	95
27) cis-1,2-Dichloroethene	3.44	96	166236	46.63	ug/l	95
28) Bromochloromethane	3.68	49	108596	50.87	ug/l	90
29) Tetrahydrofuran	4.04	42	98529	242.27	ug/l	98
30) Chloroform	3.82	83	336717	51.09	ug/l	99
31) Cyclohexane	3.66	56	238080	47.76	ug/l	98
32) 1,1,1-Trichloroethane	4.06	97	226475	43.64	ug/l	96
36) 1,1-Dichloropropene	4.24	75	236631	49.94	ug/l	98
37) Ethyl Acetate	4.07	43	87401	49.62	ug/l	92
38) Carbon Tetrachloride	3.96	117	191071	41.56	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.42	83	275866	50.19	ug/l	99
40) Benzene	4.60	78	510983	48.38	ug/l	98
41) Methacrylonitrile	4.72	41	51187	54.93	ug/l #	89
42) 1,2-Dichloroethane	4.90	62	169523	46.45	ug/l	98
43) Isopropyl Acetate	6.93	43	103494	44.31	ug/l #	98
44) Trichloroethene	5.47	130	158967	47.71	ug/l	96
45) 1,2-Dichloropropane	6.20	63	134833	49.06	ug/l	99
46) Dibromomethane	6.05	93	92009	50.72	ug/l	87
47) Bromodichloromethane	6.35	83	224899	48.55	ug/l	97
48) Methyl methacrylate	6.68	41	72347	46.81	ug/l	98
49) 1,4-Dioxane	6.67	88	14909	1031.37	ug/l #	92
51) 4-Methyl-2-Pentanone	8.23	43	378130	223.86	ug/l	99
52) Toluene	7.59	92	334884	47.32	ug/l	93
53) t-1,3-Dichloropropene	8.25	75	168373	45.38	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	228736	47.46	ug/l	98
55) 1,1,2-Trichloroethane	8.45	97	93584	46.28	ug/l	97
56) Ethyl methacrylate	8.59	69	106137	46.22	ug/l	98
57) 1,3-Dichloropropane	8.82	76	163796	46.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.59	63	48734	232.30	ug/l	100
59) 2-Hexanone	9.46	43	284604	239.76	ug/l	98
60) Dibromochloromethane	8.68	129	136047	47.21	ug/l	93
61) 1,2-Dibromoethane	8.96	107	104104	48.95	ug/l	98
64) Tetrachloroethene	8.12	164	137130	48.11	ug/l	97
65) Chlorobenzene	9.77	112	351190	48.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.89	131	155725	49.15	ug/l	96
67) Ethyl Benzene	9.87	91	660554	48.25	ug/l	100
68) m/p-Xylenes	10.10	106	451675	92.31	ug/l	98
69) o-Xylene	10.68	106	261954	47.62	ug/l	98
70) Styrene	10.76	104	355342	47.60	ug/l	98
71) Bromoform	10.74	173	71093	49.90	ug/l	95
73) Isopropylbenzene	11.10	105	764876	49.08	ug/l	96
74) N-amyl acetate	11.35	43	165316	46.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.68	83	126928	49.26	ug/l	99
76) 1,2,3-Trichloropropane	11.78	75	86018	44.95	ug/l	97
77) Bromobenzene	11.47	156	155318	47.88	ug/l	98
78) n-propylbenzene	11.57	91	873111	48.03	ug/l	100
79) 2-Chlorotoluene	11.70	91	508477	48.13	ug/l	98
80) 1,3,5-Trimethylbenzene	11.81	105	613371	49.57	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.85	75	44285m	47.10	ug/l	
82) 4-Chlorotoluene	11.88	91	518859	47.94	ug/l	99
83) tert-Butylbenzene	12.11	119	633724	48.24	ug/l	96
84) 1,2,4-Trimethylbenzene	12.18	105	621309	48.55	ug/l	96
85) sec-Butylbenzene	12.28	105	885366	49.68	ug/l	97
86) p-Isopropyltoluene	12.44	119	701974	47.16	ug/l	97
87) 1,3-Dichlorobenzene	12.46	146	307155	47.57	ug/l	97
88) 1,4-Dichlorobenzene	12.55	146	295205	47.58	ug/l	98
89) n-Butylbenzene	12.82	91	702114	46.22	ug/l	98
90) Hexachloroethane	12.89	117	185224	50.88	ug/l	89
91) 1,2-Dichlorobenzene	12.92	146	288577	47.47	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.62	75	23198	47.90	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	211234	48.35	ug/l	95
94) Hexachlorobutadiene	14.18	225	146442	51.29	ug/l	97
95) Naphthalene	14.43	128	381326	47.83	ug/l	99
96) 1,2,3-Trichlorobenzene	14.58	180	197769	48.98	ug/l	98

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

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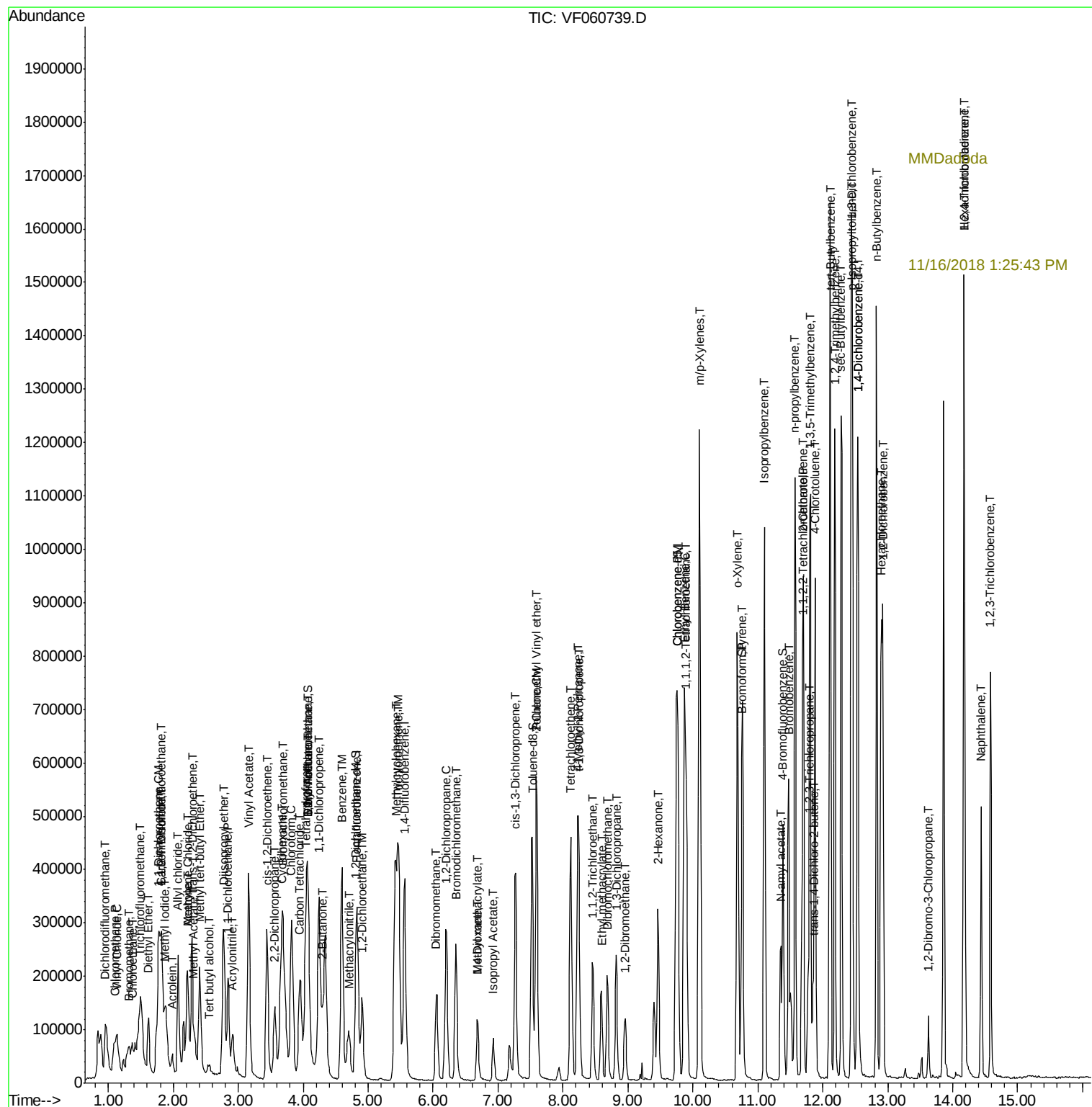
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