

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120618\
 Data File : VD060498.D
 Acq On : 6 Dec 2018 10:59
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Dec 07 03:46:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1709793	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2388007	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1891287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	936675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	611605	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	6.33	113	909854	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	9.45	98	2699250	53.18	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.42	95	931820	51.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.60%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	803181	49.307	ug/l	99
3) Chloromethane	1.77	50	808840	46.043	ug/l	97
4) Vinyl Chloride	1.87	62	677644	48.333	ug/l	97
5) Bromomethane	2.18	94	186646	53.214	ug/l	95
6) Chloroethane	2.28	64	220000	48.054	ug/l	94
7) Trichlorofluoromethane	2.53	101	772168	47.698	ug/l	100
8) Diethyl Ether	2.85	74	132365	47.337	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.10	101	485196	46.192	ug/l	97
10) Methyl Iodide	3.26	142	560664	45.664	ug/l	96
11) Tert butyl alcohol	3.99	59	122525	248.853	ug/l #	92
12) 1,1-Dichloroethene	3.09	96	383942	44.926	ug/l	98
13) Acrolein	3.00	56	159016	295.574	ug/l	98
14) Allyl chloride	3.55	41	771506	47.581	ug/l	97
15) Acrylonitrile	4.10	53	686725	245.641	ug/l	95
16) Acetone	3.17	43	505298	260.119	ug/l	98
17) Carbon Disulfide	3.33	76	1303855	46.969	ug/l	99
18) Methyl Acetate	3.56	43	202105	43.776	ug/l	98
19) Methyl tert-butyl Ether	4.14	73	1134030	47.850	ug/l	99
20) Methylene Chloride	3.73	84	854395	47.695	ug/l	95
21) trans-1,2-Dichloroethene	4.12	96	934134	50.250	ug/l	95
22) Diisopropyl ether	4.86	45	2811062	48.287	ug/l	99
23) Vinyl Acetate	4.81	43	7074445	245.268	ug/l	100
24) 1,1-Dichloroethane	4.77	63	1497240	49.506	ug/l	98
25) 2-Butanone	5.62	43	1001758	262.115	ug/l	99
26) 2,2-Dichloropropane	5.59	77	1188527	50.871	ug/l	99
27) cis-1,2-Dichloroethene	5.60	96	937277	49.587	ug/l	99
28) Bromochloromethane	5.93	49	685199	51.143	ug/l	92
29) Tetrahydrofuran	5.96	42	519755	240.159	ug/l	99
30) Chloroform	6.10	83	1487268	48.812	ug/l	99
31) Cyclohexane	6.37	56	1341570	52.030	ug/l	100
32) 1,1,1-Trichloroethane	6.30	97	1251937	49.981	ug/l	97
36) 1,1-Dichloropropene	6.53	75	1132037	48.497	ug/l	99
37) Ethyl Acetate	5.70	43	486747	48.082	ug/l	97
38) Carbon Tetrachloride	6.51	117	1039566	49.608	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	1313577	49.364	ug/l	98
40) Benzene	6.79	78	2938469	49.257	ug/l	100
41) Methacrylonitrile	5.93	41	259484m	47.550	ug/l	
42) 1,2-Dichloroethane	6.90	62	736233	48.539	ug/l	100
43) Isopropyl Acetate	8.35	43	619547	49.578	ug/l	99
44) Trichloroethene	7.74	130	874830	49.070	ug/l	99 MMDadoda
45) 1,2-Dichloropropane	8.10	63	728642	49.385	ug/l	100
46) Dibromomethane	8.22	93	419684	49.232	ug/l	98
47) Bromodichloromethane	8.50	83	1007029	49.787	ug/l	99
48) Methyl methacrylate	8.24	41	376183	50.876	ug/l	97
49) 1,4-Dioxane	8.23	88	71515	1067.161	ug/l #	88 12/7/2018 5:03:22 PM
51) 4-Methyl-2-Pentanone	9.34	43	1946317	250.385	ug/l	100
52) Toluene	9.55	92	1811672	48.588	ug/l	99
53) t-1,3-Dichloropropene	9.91	75	856298	51.522	ug/l	99
54) cis-1,3-Dichloropropene	9.11	75	1116743	51.141	ug/l	98
55) 1,1,2-Trichloroethane	10.18	97	493536	47.531	ug/l	97
56) Ethyl methacrylate	10.03	69	476962	50.755	ug/l	99
57) 1,3-Dichloropropane	10.38	76	786209	48.980	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.92	63	1367290	243.167	ug/l	99
59) 2-Hexanone	10.48	43	1461475	268.983	ug/l	98
60) Dibromochloromethane	10.64	129	668084	51.461	ug/l	99
61) 1,2-Dibromoethane	10.76	107	533631	50.429	ug/l	98
64) Tetrachloroethene	10.25	164	812605	48.522	ug/l	98
65) Chlorobenzene	11.31	112	1974602	49.351	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	644152	49.949	ug/l	99
67) Ethyl Benzene	11.43	91	3324829	48.717	ug/l	100
68) m/p-Xylenes	11.57	106	2420938	95.884	ug/l	99
69) o-Xylene	11.93	106	1173408	48.766	ug/l	95
70) Styrene	11.96	104	1910586	49.468	ug/l	99
71) Bromoform	12.12	173	431125	50.108	ug/l	98
73) Isopropylbenzene	12.27	105	3268561	49.313	ug/l	99
74) N-amyl acetate	12.14	43	789430	49.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.56	83	508382	47.909	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	524318	49.403	ug/l	100
77) Bromobenzene	12.54	156	854716	49.058	ug/l	98
78) n-propylbenzene	12.64	91	3925276	46.848	ug/l	100
79) 2-Chlorotoluene	12.71	91	2219643	48.820	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	2548875	50.326	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	149843	50.622	ug/l	99
82) 4-Chlorotoluene	12.82	91	2479170	48.549	ug/l	99
83) tert-Butylbenzene	13.05	119	2832395	49.877	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	2539552	48.425	ug/l	100
85) sec-Butylbenzene	13.22	105	3443671	48.654	ug/l	100
86) p-Isopropyltoluene	13.35	119	2731474	48.683	ug/l	100
87) 1,3-Dichlorobenzene	13.31	146	1496256	47.432	ug/l	94
88) 1,4-Dichlorobenzene	13.40	146	1481661	47.878	ug/l	99
89) n-Butylbenzene	13.65	91	2686209	47.934	ug/l	100
90) Hexachloroethane	13.86	117	709900	50.463	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1199285	46.521	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.22	75	63063	49.047	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	987827	49.017	ug/l	97
94) Hexachlorobutadiene	14.88	225	707146	47.559	ug/l	99
95) Naphthalene	14.97	128	1196853	49.921	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	796790	49.620	ug/l	99

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

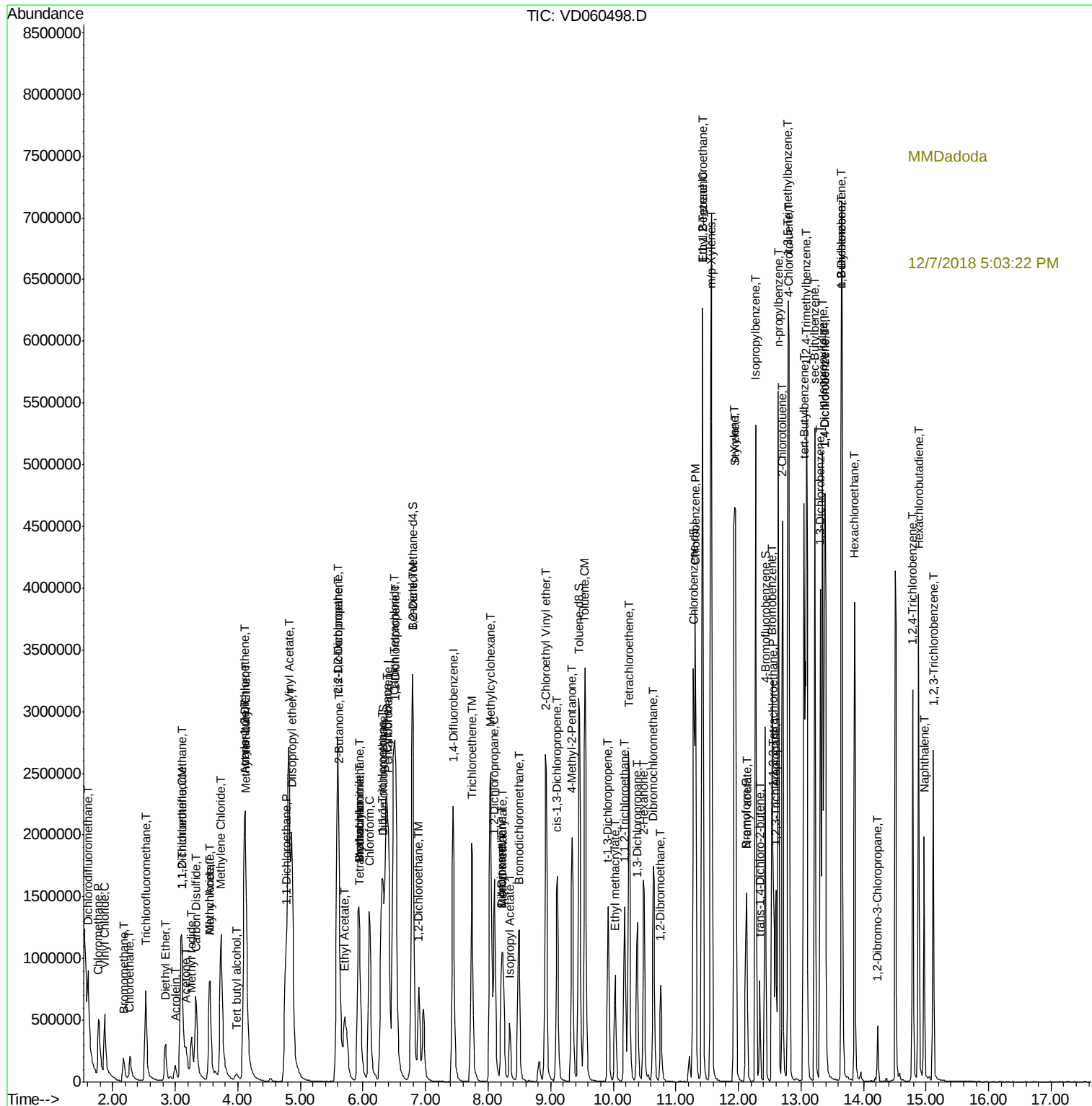
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