

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006877.D
 Acq On : 14 Nov 2018 15:03
 Operator : SY/AP
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10085

Quant Time: Nov 14 15:25:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 14 14:39:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	102137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	83002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	36912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112648	97.80	ug/L	0.00
7) Chloroethane-d5	2.88	69	66657	67.23	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	281645	127.33	ug/L	0.00
20) 2-Butanone-d5	7.09	46	119121	311.99	ug/L	0.00
24) Chloroform-d	7.65	84	194065	87.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	86782	70.90	ug/L	0.00
29) Benzene-d6	8.28	84	458870	121.77	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	118682	104.35	ug/L	0.00
37) Toluene-d8	10.33	98	463046	122.87	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	47618	86.15	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	75102	273.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92491	83.63	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	118532	93.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	158169	163.847	ug/L 100
3) Chloromethane	2.21	50	109862	115.885	ug/L 95
5) Vinyl chloride	2.36	62	127977	83.757	ug/L 95
6) Bromomethane	2.78	94	44904	37.742	ug/L 98
8) Chloroethane	2.92	64	59884	63.941	ug/L 97
9) Trichlorofluoromethane	3.26	101	232822	190.463	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	146176	119.607	ug/L 98
12) 1,1-Dichloroethene	4.04	96	131931	112.507	ug/L 98
13) Acetone	4.15	43	70643	183.144	ug/L 100
14) Carbon disulfide	4.38	76	495256	129.192	ug/L 99
15) Methyl Acetate	4.68	43	80596	129.000	ug/L 99
16) Methylene chloride	4.92	84	107288	81.361	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	201444	105.532	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	134054	103.256	ug/L 96
19) 1,1-Dichloroethane	6.23	63	202961	96.605	ug/L 99
21) 2-Butanone	7.18	43	117851	229.938	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	118350	83.571	ug/L 98
23) Bromochloromethane	7.52	128	42696	64.099	ug/L 98
25) Chloroform	7.68	83	189585	83.831	ug/L 100
27) 1,2-Dichloroethane	8.40	62	101770	66.020	ug/L 97
30) Cyclohexane	7.96	56	278550	152.688	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	215486	124.067	ug/L 99
32) Carbon tetrachloride	8.07	117	200024	117.430	ug/L 99
34) Benzene	8.33	78	491788	115.417	ug/L 100
35) Trichloroethene	9.09	95	145039	120.981	ug/L 99
36) Methylcyclohexane	9.34	83	318924	145.189	ug/L 99
40) 1,2-Dichloropropane	9.37	63	104969	99.307	ug/L 99
41) Bromodichloromethane	9.65	83	118646	83.124	ug/L 95
42) cis-1,3-Dichloropropene	10.07	75	153602	88.970	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	175594	207.317	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	559738	116.993	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	125472	83.204	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	69862	79.370	ug/L	99
47) Tetrachloroethene	10.87	164	117679	106.041	ug/L	93
49) 2-Hexanone	10.97	43	146167	234.160	ug/L	99
50) Dibromochloromethane	11.13	129	79648	70.597	ug/L	97
51) 1,2-Dibromoethane	11.24	107	68880	75.178	ug/L	98
52) Chlorobenzene	11.66	112	317641	98.105	ug/L	99
53) Ethylbenzene	11.74	91	673739	120.959	ug/L	98
54) m,p-Xylene	11.84	106	252458	115.631	ug/L	96
55) o-xylene	12.17	106	217800	104.478	ug/L	99
56) Styrene	12.18	104	341452	95.114	ug/L	98
57) Isopropylbenzene	12.47	105	691632	119.238	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	92681	81.025	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	75362	88.304	ug/L	99
62) Bromoform	12.35	173	43796	70.811	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	234185	103.312	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	226697	99.312	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	189449	90.850	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23032	137.218	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	169996	93.037	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	125045	80.257	ug/L	99
69) Naphthalene	15.38	128	293320	92.984	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	104706	74.804	ug/L	100

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

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