

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113018\
 Data File : VW007141.D
 Acq On : 30 Nov 2018 13:13
 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 30 14:33:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 13:02:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	141851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	134002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	66872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111197	100.70	ug/L	0.00
7) Chloroethane-d5	2.87	69	83522	96.83	ug/L	-0.02
10) 1,1-Dichloroethene-d2	4.02	63	309193	100.60	ug/L	-0.01
20) 2-Butanone-d5	7.08	46	103452	223.21	ug/L	0.00
24) Chloroform-d	7.65	84	305081	116.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	172215	93.68	ug/L	0.00
29) Benzene-d6	8.28	84	650398	103.35	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	183745	96.70	ug/L	0.00
37) Toluene-d8	10.33	98	658056	99.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	96685	110.71	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	97211	262.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172965	112.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	236550	98.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	254007	97.815 ug/L	99
3) Chloromethane	2.22	50	187089	112.511 ug/L	100
5) Vinyl chloride	2.36	62	158350	98.718 ug/L	100
6) Bromomethane	2.76	94	94139	113.440 ug/L	99
8) Chloroethane	2.91	64	81388	98.238 ug/L	97
9) Trichlorofluoromethane	3.26	101	305432	103.250 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	178857	98.938 ug/L	100
12) 1,1-Dichloroethene	4.04	96	162232	105.716 ug/L	97
13) Acetone	4.13	43	62057	175.020 ug/L	96
14) Carbon disulfide	4.39	76	614317	113.527 ug/L	99
15) Methyl Acetate	4.68	43	96444	120.288 ug/L	98
16) Methylene chloride	4.92	84	192254	89.806 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	423437	102.421 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	179096	103.358 ug/L	97
19) 1,1-Dichloroethane	6.23	63	300330	105.958 ug/L	100
21) 2-Butanone	7.17	43	105828	192.783 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	194201	107.115 ug/L	99
23) Bromochloromethane	7.52	128	85497	109.107 ug/L	91
25) Chloroform	7.68	83	317782	89.507 ug/L	100
27) 1,2-Dichloroethane	8.40	62	216029	104.242 ug/L	97
30) Cyclohexane	7.96	56	299377	101.397 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	285878	100.822 ug/L	100
32) Carbon tetrachloride	8.07	117	259398	101.271 ug/L	99
34) Benzene	8.33	78	732293	111.051 ug/L	100
35) Trichloroethene	9.09	95	197879	107.389 ug/L	99
36) Methylcyclohexane	9.34	83	362363	110.585 ug/L	99
40) 1,2-Dichloropropane	9.37	63	172713	105.734 ug/L	99
41) Bromodichloromethane	9.65	83	226040	103.506 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	284802	109.206 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	265949	251.776 ug/L	99

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44) Toluene	10.39	91	834792	107.411	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	257411	115.303	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	138763	111.725	ug/L	97
47) Tetrachloroethene	10.87	164	164051	108.072	ug/L	97
49) 2-Hexanone	10.97	43	187203	235.167	ug/L	99
50) Dibromochloromethane	11.13	129	177104	116.396	ug/L	98
51) 1,2-Dibromoethane	11.24	107	145940	117.335	ug/L #	100
52) Chlorobenzene	11.66	112	547970	106.952	ug/L	97
53) Ethylbenzene	11.74	91	976789	106.956	ug/L	100
54) m,p-Xylene	11.84	106	376337	104.894	ug/L	94
55) o-xylene	12.17	106	347488	103.983	ug/L	96
56) Styrene	12.18	104	599697	107.317	ug/L	99
57) Isopropylbenzene	12.47	105	974310	106.604	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	179007	121.646	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	140760	119.290	ug/L	100
62) Bromoform	12.35	173	104243	124.675	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	440539	107.633	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	436297	106.720	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	398362	107.937	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	36719	134.735	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	328760	120.616	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	276847	123.080	ug/L	99
69) Naphthalene	15.38	128	644870	138.461	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	242822	122.826	ug/L	99

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

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