

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011567.D
 Acq On : 30 Jul 2019 09:56
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

Quant Time: Jul 30 11:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 11:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383526	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27678	5.41	ug/L	0.00
7) Chloroethane-d5	2.89	69	19137	5.13	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	60746	5.24	ug/L	0.00
20) 2-Butanone-d5	7.09	46	23407	10.74	ug/L	0.01
24) Chloroform-d	7.65	84	53011	5.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	31458	5.39	ug/L	0.00
29) Benzene-d6	8.27	84	108041	5.40	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	34972	5.39	ug/L	0.00
37) Toluene-d8	10.32	98	94049	5.24	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	14690	5.24	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	15195	10.80	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28614	5.52	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	31373	5.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	18791	4.016 ug/L	94
3) Chloromethane	2.21	50	26971	4.751 ug/L	100
5) Vinyl chloride	2.36	62	35521	5.313 ug/L	97
6) Bromomethane	2.78	94	16577	5.136 ug/L	94
8) Chloroethane	2.92	64	18080	5.079 ug/L	97
9) Trichlorofluoromethane	3.26	101	16575	5.213 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	25990	5.093 ug/L	97
12) 1,1-Dichloroethene	4.04	96	26581	5.218 ug/L	96
13) Acetone	4.13	43	24276	10.524 ug/L	97
14) Carbon disulfide	4.39	76	84060	5.089 ug/L	98
15) Methyl Acetate	4.67	43	19808	5.593 ug/L	99
16) Methylene chloride	4.92	84	29343	5.256 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	43948	5.457 ug/L #	89
18) trans-1,2-Dichloroethene	5.43	96	26811	5.104 ug/L	98
19) 1,1-Dichloroethane	6.22	63	54452	5.218 ug/L	97
21) 2-Butanone	7.18	43	29016	9.788 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	28700	5.157 ug/L	95
23) Bromochloromethane	7.52	128	11830	5.086 ug/L	92
25) Chloroform	7.68	83	51204	5.327 ug/L	100
27) 1,2-Dichloroethane	8.40	62	37406	5.339 ug/L	100
30) Cyclohexane	7.95	56	54559	5.004 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	39380	5.285 ug/L	100
32) Carbon tetrachloride	8.07	117	36480	5.268 ug/L	100
34) Benzene	8.32	78	115816	5.330 ug/L	100
35) Trichloroethene	9.09	95	28898	5.232 ug/L	98
36) Methylcyclohexane	9.34	83	50624	5.041 ug/L	99
40) 1,2-Dichloropropane	9.37	63	30646	5.249 ug/L	99
41) Bromodichloromethane	9.65	83	34764	5.093 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	43372	4.945 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	51707	10.346 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	115082	5.163	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	36401	5.050	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	20657	5.286	ug/L	97
47) Tetrachloroethene	10.86	164	22536	5.319	ug/L	96
49) 2-Hexanone	10.97	43	38875	10.304	ug/L	99
50) Dibromochloromethane	11.13	129	21499	4.970	ug/L	99
51) 1,2-Dibromoethane	11.24	107	19829	5.247	ug/L	98
52) Chlorobenzene	11.66	112	70933	5.277	ug/L	99
53) Ethylbenzene	11.73	91	127043	5.065	ug/L	97
54) m,p-Xylene	11.84	106	46195	5.028	ug/L	91
55) o-xylene	12.16	106	43413	5.014	ug/L	97
56) Styrene	12.18	104	73346	5.035	ug/L	100
57) Isopropylbenzene	12.46	105	118620	5.029	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	27582	5.433	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	21084	5.436	ug/L	96
62) Bromoform	12.35	173	12841	5.106	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	52495	5.217	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	52667	5.153	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	46888	5.064	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	4410	4.997	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	37804	4.925	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	29120	4.578	ug/L	98
69) Naphthalene	15.37	128	52655	4.066	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	27274	4.733	ug/L	98

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

