

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006875.D
 Acq On : 14 Nov 2018 14:12
 Operator : SY/AP
 Sample : VSTD02583
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

Quant Time: Nov 14 14:38:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 14 11:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	169616	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	163251	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	78987	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38538	20.15	ug/L	-0.01
7) Chloroethane-d5	2.89	69	29223	17.75	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.03	63	98059	26.69	ug/L	0.00
20) 2-Butanone-d5	7.09	46	35173	55.47	ug/L	0.00
24) Chloroform-d	7.65	84	94006	25.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	53861	26.50	ug/L	0.00
29) Benzene-d6	8.27	84	205422	27.72	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	64055	28.64	ug/L	0.00
37) Toluene-d8	10.33	98	213471	28.80	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	28035	25.79	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	29989	55.48	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	55316	25.43	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	73376	27.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	53694	33.493 ug/L	91
3) Chloromethane	2.21	50	44235	28.097 ug/L	95
5) Vinyl chloride	2.36	62	44820	17.663 ug/L	98
6) Bromomethane	2.78	94	21954	11.111 ug/L	99
8) Chloroethane	2.92	64	24367	15.667 ug/L	95
9) Trichlorofluoromethane	3.26	101	77219	38.039 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	51676	25.462 ug/L	90
12) 1,1-Dichloroethene	4.04	96	46112	23.679 ug/L	82
13) Acetone	4.15	43	22285	34.790 ug/L	96
14) Carbon disulfide	4.39	76	168956	26.540 ug/L	99
15) Methyl Acetate	4.68	43	30496	29.393 ug/L	98
16) Methylene chloride	4.92	84	65320	29.828 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	138628	43.732 ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	53088	24.623 ug/L	90
19) 1,1-Dichloroethane	6.22	63	90365	25.900 ug/L	99
21) 2-Butanone	7.18	43	39066	45.898 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	57197	24.321 ug/L	95
23) Bromochloromethane	7.52	128	24206	21.883 ug/L	# 86
25) Chloroform	7.68	83	94157	25.071 ug/L	98
27) 1,2-Dichloroethane	8.40	62	64419	25.164 ug/L	97
30) Cyclohexane	7.96	56	98519	27.457 ug/L	95
31) 1,1,1-Trichloroethane	7.88	97	83124	24.333 ug/L	98
32) Carbon tetrachloride	8.07	117	73111	21.823 ug/L	100
34) Benzene	8.33	78	220851	26.353 ug/L	100
35) Trichloroethene	9.09	95	58591	24.848 ug/L	92
36) Methylcyclohexane	9.34	83	109616	25.372 ug/L	95
40) 1,2-Dichloropropane	9.37	63	55890	26.884 ug/L	99
41) Bromodichloromethane	9.65	83	68292	24.326 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	87598	25.797 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	84753	50.876 ug/L	99

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44) Toluene	10.39	91	257829	27.399	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	75598	25.488	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	43479	25.115	ug/L	99
47) Tetrachloroethene	10.87	164	44913	20.577	ug/L	91
49) 2-Hexanone	10.97	43	62469	50.882	ug/L	96
50) Dibromochloromethane	11.13	129	48319	21.775	ug/L	98
51) 1,2-Dibromoethane	11.24	107	42268	23.455	ug/L #	98
52) Chlorobenzene	11.66	112	166152	26.091	ug/L	96
53) Ethylbenzene	11.74	91	303219	27.678	ug/L	96
54) m,p-Xylene	11.84	106	117444	27.350	ug/L	97
55) o-xylene	12.17	106	110968	27.064	ug/L	98
56) Styrene	12.18	104	188335	26.674	ug/L	97
57) Isopropylbenzene	12.47	105	294262	25.793	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	55652	24.737	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	42521	25.332	ug/L	99
62) Bromoform	12.35	173	25932	19.593	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	129195	26.635	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	129213	26.453	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	117183	26.261	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	10108	28.142	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.63	180	86854	22.214	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	74019	22.201	ug/L	97
69) Naphthalene	15.38	128	177400	26.281	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	66488	22.198	ug/L	97

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

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