

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006876.D
 Acq On : 14 Nov 2018 14:38
 Operator : SY/AP
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

Quant Time: Nov 14 15:04:45 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	174673	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	169788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	81592	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77350	39.27	ug/L	0.00
7) Chloroethane-d5	2.89	69	57699	34.03	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	196146	51.85	ug/L	0.00
20) 2-Butanone-d5	7.09	46	71174	109.00	ug/L	0.00
24) Chloroform-d	7.65	84	188648	49.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	107802	51.50	ug/L	0.00
29) Benzene-d6	8.28	84	422576	54.82	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	130537	56.11	ug/L	0.00
37) Toluene-d8	10.33	98	426353	55.31	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	59020	52.20	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	61923	110.16	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113304	50.08	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	148374	53.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	107573	65.159	ug/L 99
3) Chloromethane	2.21	50	90274	55.680	ug/L 97
5) Vinyl chloride	2.36	62	90777	34.739	ug/L 97
6) Bromomethane	2.78	94	43991	21.620	ug/L 98
8) Chloroethane	2.92	64	50919	31.791	ug/L 92
9) Trichlorofluoromethane	3.26	101	160495	76.773	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	101735	48.675	ug/L 98
12) 1,1-Dichloroethene	4.04	96	94083	46.914	ug/L 97
13) Acetone	4.14	43	44638	67.668	ug/L 100
14) Carbon disulfide	4.39	76	354360	54.052	ug/L 100
15) Methyl Acetate	4.68	43	62190	58.204	ug/L 99
16) Methylene chloride	4.92	84	126372	56.037	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	284235	87.069	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	107340	48.345	ug/L 99
19) 1,1-Dichloroethane	6.23	63	186572	51.927	ug/L 99
21) 2-Butanone	7.18	43	79317	90.490	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	117093	48.348	ug/L 97
23) Bromochloromethane	7.52	128	51179	44.928	ug/L 95
25) Chloroform	7.68	83	189827	49.081	ug/L 100
27) 1,2-Dichloroethane	8.40	62	130862	49.639	ug/L 98
30) Cyclohexane	7.96	56	199097	53.352	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	171347	48.228	ug/L 98
32) Carbon tetrachloride	8.07	117	148983	42.758	ug/L 100
34) Benzene	8.33	78	460580	52.842	ug/L 100
35) Trichloroethene	9.09	95	121274	49.452	ug/L 99
36) Methylcyclohexane	9.34	83	221105	49.207	ug/L 99
40) 1,2-Dichloropropane	9.37	63	117283	54.242	ug/L 100
41) Bromodichloromethane	9.65	83	143572	49.173	ug/L 95
42) cis-1,3-Dichloropropene	10.07	75	187010	52.954	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	173059	99.885	ug/L 100

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44) Toluene	10.39	91	529698	54.123	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	161328	52.298	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	89892	49.925	ug/L	99
47) Tetrachloroethene	10.87	164	92478	40.738	ug/L	96
49) 2-Hexanone	10.97	43	129568	101.471	ug/L	99
50) Dibromochloromethane	11.13	129	104135	45.122	ug/L	99
51) 1,2-Dibromoethane	11.24	107	89127	47.554	ug/L	97
52) Chlorobenzene	11.66	112	343330	51.838	ug/L	99
53) Ethylbenzene	11.74	91	615917	54.057	ug/L	98
54) m,p-Xylene	11.84	106	240030	53.744	ug/L	96
55) o-xylene	12.17	106	225691	52.925	ug/L	98
56) Styrene	12.18	104	386232	52.595	ug/L	99
57) Isopropylbenzene	12.47	105	598753	50.462	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	115817	49.497	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	87977	50.394	ug/L	98
62) Bromoform	12.35	173	56434	41.279	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	269069	53.700	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	266959	52.908	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	244191	52.976	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	22160	59.727	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	184173	45.600	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	156371	45.404	ug/L	100
69) Naphthalene	15.38	128	373091	53.506	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	139870	45.206	ug/L	100

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

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