

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
 Data File : VW009975.D
 Acq On : 15 Apr 2019 16:12
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Apr 15 16:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 16:09:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	661234	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	653346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	326229	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	358665	41.45	ug/L	0.00
7) Chloroethane-d5	2.89	69	320778	40.47	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	908079	48.80	ug/L	0.00
20) 2-Butanone-d5	7.08	46	365751	130.19	ug/L	0.00
24) Chloroform-d	7.65	84	950640	52.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	594363	53.66	ug/L	0.00
29) Benzene-d6	8.27	84	1811999	52.83	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	567181	53.54	ug/L	0.00
37) Toluene-d8	10.32	98	1703085	53.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	285842	56.58	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	303254	151.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	541675	55.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	608765	53.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	467894	53.717 ug/L	96
3) Chloromethane	2.22	50	426774	47.411 ug/L	100
5) Vinyl chloride	2.37	62	440654	38.164 ug/L	99
6) Bromomethane	2.78	94	291330	36.464 ug/L	99
8) Chloroethane	2.92	64	285581	37.684 ug/L	99
9) Trichlorofluoromethane	3.26	101	326422	46.085 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	420118	45.600 ug/L	98
12) 1,1-Dichloroethene	4.04	96	410876	46.783 ug/L	91
13) Acetone	4.12	43	270264	89.784 ug/L	100
14) Carbon disulfide	4.38	76	1240271	45.433 ug/L	100
15) Methyl Acetate	4.67	43	300742	54.795 ug/L	99
16) Methylene chloride	4.92	84	466636	40.014 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	604685	49.980 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	449396	49.201 ug/L	99
19) 1,1-Dichloroethane	6.21	63	875698	49.959 ug/L	99
21) 2-Butanone	7.17	43	419521	109.583 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	506129	51.811 ug/L	97
23) Bromochloromethane	7.51	128	226627	50.566 ug/L	96
25) Chloroform	7.67	83	893922	48.687 ug/L	100
27) 1,2-Dichloroethane	8.40	62	697270	50.211 ug/L	99
30) Cyclohexane	7.95	56	809377	52.487 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	659120	44.471 ug/L	100
32) Carbon tetrachloride	8.06	117	655503	44.114 ug/L	99
34) Benzene	8.32	78	1894772	48.202 ug/L	100
35) Trichloroethene	9.09	95	487508	47.390 ug/L	100
36) Methylcyclohexane	9.34	83	847529	50.111 ug/L	98
40) 1,2-Dichloropropane	9.37	63	496948	49.387 ug/L	100
41) Bromodichloromethane	9.65	83	683561	49.233 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	830102	53.250 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	895561	114.577 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	2060424	49.480	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	724139	53.879	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	387933	51.362	ug/L	99
47) Tetrachloroethene	10.86	164	380170	46.922	ug/L	99
49) 2-Hexanone	10.97	43	648544	111.435	ug/L	99
50) Dibromochloromethane	11.13	129	472060	50.873	ug/L	98
51) 1,2-Dibromoethane	11.24	107	385014	50.861	ug/L	99
52) Chlorobenzene	11.66	112	1291174	48.171	ug/L	98
53) Ethylbenzene	11.73	91	2341453	49.361	ug/L	99
54) m,p-Xylene	11.84	106	874573	49.849	ug/L	99
55) o-xylene	12.16	106	847907	50.744	ug/L	97
56) Styrene	12.18	104	1488806	51.350	ug/L	99
57) Isopropylbenzene	12.46	105	2272234	49.662	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	516338	50.840	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	392817	51.958	ug/L	100
62) Bromoform	12.35	173	283603	49.443	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	986390	48.878	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1022746	47.526	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	951659	49.292	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	94872	50.482	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	719854	48.076	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	618786	51.459	ug/L	100
69) Naphthalene	15.37	128	1435437	59.392	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	582443	51.778	ug/L	99

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

