

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011906.D
 Acq On : 13 Aug 2019 20:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Aug 14 05:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126139	28.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.08%
7) Chloroethane-d5	2.89	69	93829	29.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.80%
10) 1,1-Dichloroethene-d2	4.03	63	281542	27.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.04%#
20) 2-Butanone-d5	7.07	46	95629	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
24) Chloroform-d	7.65	84	243749	28.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	8.30	65	145616	28.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.08%
29) Benzene-d6	8.27	84	498251	28.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.16%
33) 1,2-Dichloropropane-d6	9.27	67	161130	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.32	98	441019	28.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.84%
38) trans-1,3-Dichloropropene-	10.58	79	67267	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.92%
39) 2-Hexanone-d5	10.93	63	66521	50.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121747	26.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	142737	27.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	91411	25.965	ug/L 98
3) Chloromethane	2.21	50	111758	24.405	ug/L 98
5) Vinyl chloride	2.36	62	142113	24.323	ug/L 99
6) Bromomethane	2.78	94	72052	26.158	ug/L 99
8) Chloroethane	2.92	64	79133	25.897	ug/L 97
9) Trichlorofluoromethane	3.26	101	68497	23.014	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	121631	26.956	ug/L 92
12) 1,1-Dichloroethene	4.04	96	113724	25.206	ug/L 90
13) Acetone	4.12	43	76928	36.063	ug/L 99
14) Carbon disulfide	4.38	76	345375	23.503	ug/L 99
15) Methyl Acetate	4.67	43	79711	22.855	ug/L 98
16) Methylene chloride	4.92	84	128232	26.158	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	198151	26.373	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	118697	25.464	ug/L 97
19) 1,1-Dichloroethane	6.21	63	251550	27.013	ug/L 99
21) 2-Butanone	7.16	43	109939	41.107	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	130716	26.804	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	54660	26.343	ug/L	97
25) Chloroform	7.68	83	235008	27.381	ug/L	100
27) 1,2-Dichloroethane	8.40	62	173277	27.271	ug/L	98
30) Cyclohexane	7.96	56	242584	25.137	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	180825	26.730	ug/L	99
32) Carbon tetrachloride	8.07	117	167878	26.379	ug/L	99
34) Benzene	8.32	78	522350	26.848	ug/L	100
35) Trichloroethene	9.09	95	128567	26.030	ug/L	99
36) Methylcyclohexane	9.34	83	224798	25.088	ug/L	99
40) 1,2-Dichloropropane	9.37	63	144617	27.847	ug/L	100
41) Bromodichloromethane	9.65	83	169693	27.690	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	214829	27.656	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	232108	49.328	ug/L	99
44) Toluene	10.39	91	540499	27.344	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	172483	26.688	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	92503	26.126	ug/L	98
47) Tetrachloroethene	10.86	164	95943	25.431	ug/L	94
49) 2-Hexanone	10.97	43	162671	44.872	ug/L	98
50) Dibromochloromethane	11.13	129	106891	27.389	ug/L	98
51) 1,2-Dibromoethane	11.23	107	88240	25.611	ug/L	97
52) Chlorobenzene	11.66	112	321913	26.994	ug/L	99
53) Ethylbenzene	11.73	91	603219	27.365	ug/L	100
54) m,p-Xylene	11.84	106	219063	27.330	ug/L	97
55) o-xylene	12.16	106	207859	27.555	ug/L	100
56) Styrene	12.18	104	361466	28.185	ug/L	98
57) Isopropylbenzene	12.46	105	572361	27.580	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	120358	25.580	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	90103	24.828	ug/L	99
62) Bromoform	12.35	173	59791	24.459	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	244416	26.356	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	242850	26.077	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	223790	26.650	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19815	22.799	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	182631	26.756	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	149602	27.214	ug/L	99
69) Naphthalene	15.37	128	286845	25.912	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	136800	26.870	ug/L	99

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

