

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
 Data File : VW011611.D
 Acq On : 02 Aug 2019 09:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Aug 03 02:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 04:38:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147570	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109812	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
7) Chloroethane-d5	2.88	69	82027	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
10) 1,1-Dichloroethene-d2	4.02	63	267480	24.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.48%
20) 2-Butanone-d5	7.08	46	111100	51.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.08%
24) Chloroform-d	7.65	84	226031	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.30	65	134336	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	8.27	84	452065	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	147468	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.32	98	400156	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	10.58	79	63896	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.20%
39) 2-Hexanone-d5	10.93	63	75445	52.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129930	25.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	135147	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	110029	28.876	ug/L 100
3) Chloromethane	2.21	50	123621	24.942	ug/L 98
5) Vinyl chloride	2.36	62	169620	26.823	ug/L 98
6) Bromomethane	2.78	94	78821	26.439	ug/L 100
8) Chloroethane	2.92	64	89114	26.945	ug/L 100
9) Trichlorofluoromethane	3.26	101	86363	26.810	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	133976	27.433	ug/L 98
12) 1,1-Dichloroethene	4.04	96	132690	27.173	ug/L 90
13) Acetone	4.13	43	129893	56.261	ug/L 96
14) Carbon disulfide	4.38	76	424646	26.700	ug/L 99
15) Methyl Acetate	4.67	43	107355	28.439	ug/L 99
16) Methylene chloride	4.92	84	139022	26.202	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	225204	27.694	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	136021	26.961	ug/L 100
19) 1,1-Dichloroethane	6.21	63	275702	27.355	ug/L 99
21) 2-Butanone	7.17	43	168294	58.139	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	144006	27.283	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60291	26.846	ug/L	99
25) Chloroform	7.68	83	251762	27.102	ug/L	99
27) 1,2-Dichloroethane	8.40	62	191972	27.916	ug/L	98
30) Cyclohexane	7.95	56	288455	27.502	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	203704	27.706	ug/L	98
32) Carbon tetrachloride	8.07	117	190472	27.538	ug/L	100
34) Benzene	8.32	78	575827	27.232	ug/L	100
35) Trichloroethene	9.09	95	144416	26.903	ug/L	99
36) Methylcyclohexane	9.34	83	265564	27.270	ug/L	100
40) 1,2-Dichloropropane	9.37	63	155126	27.484	ug/L	100
41) Bromodichloromethane	9.65	83	183577	27.562	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	234774	27.809	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	296470	57.972	ug/L	100
44) Toluene	10.39	91	594697	27.682	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	195918	27.892	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	105416	27.394	ug/L	98
47) Tetrachloroethene	10.86	164	110503	26.950	ug/L	95
49) 2-Hexanone	10.97	43	230417	58.481	ug/L	99
50) Dibromochloromethane	11.13	129	119378	28.145	ug/L	97
51) 1,2-Dibromoethane	11.23	107	105299	28.120	ug/L	99
52) Chlorobenzene	11.66	112	350772	27.063	ug/L	99
53) Ethylbenzene	11.73	91	667333	27.855	ug/L	99
54) m,p-Xylene	11.84	106	241723	27.747	ug/L	98
55) o-xylene	12.16	106	226745	27.657	ug/L	98
56) Styrene	12.18	104	390829	28.040	ug/L	97
57) Isopropylbenzene	12.46	105	630576	27.957	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	143809	28.121	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	111734	28.329	ug/L	99
62) Bromoform	12.35	173	72866	27.599	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	274561	27.413	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	271364	26.980	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	245182	27.034	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	25822	27.509	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	205032	27.812	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	172249	29.013	ug/L	98
69) Naphthalene	15.37	128	357672	29.916	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	156226	28.412	ug/L	99

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

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