

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
 Data File : VW011369.D
 Acq On : 19 Jul 2019 10:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Jul 20 00:42:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276703	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122820	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.36%
7) Chloroethane-d5	2.88	69	86797	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.12%
10) 1,1-Dichloroethene-d2	4.01	63	266811	26.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.04%
20) 2-Butanone-d5	7.07	46	111809	59.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.46%
24) Chloroform-d	7.64	84	221565	25.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	8.30	65	133595	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.72%
29) Benzene-d6	8.27	84	458175	26.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.52%
33) 1,2-Dichloropropane-d6	9.27	67	146709	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.72%
37) Toluene-d8	10.32	98	412362	27.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.60%
38) trans-1,3-Dichloropropene-	10.57	79	62048	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.16%
39) 2-Hexanone-d5	10.92	63	75280	59.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127789	27.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	133154	25.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	100177	26.170	ug/L 97
3) Chloromethane	2.21	50	96966	23.333	ug/L 99
5) Vinyl chloride	2.35	62	128216	23.638	ug/L 97
6) Bromomethane	2.77	94	60782	23.952	ug/L 100
8) Chloroethane	2.92	64	69453	25.333	ug/L 99
9) Trichlorofluoromethane	3.25	101	58357	31.423	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	110685	26.748	ug/L 98
12) 1,1-Dichloroethene	4.03	96	105992	25.915	ug/L 90
13) Acetone	4.12	43	108113	59.126	ug/L 100
14) Carbon disulfide	4.38	76	272868	23.322	ug/L 100
15) Methyl Acetate	4.66	43	89086	29.941	ug/L 99
16) Methylene chloride	4.92	84	114959	25.136	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	175489	27.667	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	104634	25.317	ug/L 99
19) 1,1-Dichloroethane	6.21	63	224524	26.760	ug/L 98
21) 2-Butanone	7.17	43	142063	60.184	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	117706	26.310	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49332	26.280	ug/L	98
25) Chloroform	7.67	83	207402	26.096	ug/L	100
27) 1,2-Dichloroethane	8.40	62	155719	25.632	ug/L	100
30) Cyclohexane	7.95	56	216085	25.685	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	158782	27.648	ug/L	99
32) Carbon tetrachloride	8.06	117	149288	27.718	ug/L	99
34) Benzene	8.32	78	464296	26.848	ug/L	100
35) Trichloroethene	9.09	95	115534	26.474	ug/L	100
36) Methylcyclohexane	9.33	83	206351	26.275	ug/L	98
40) 1,2-Dichloropropane	9.37	63	128237	27.061	ug/L	100
41) Bromodichloromethane	9.64	83	148702	27.218	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	190625	27.263	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	261156	59.450	ug/L	99
44) Toluene	10.38	91	484334	27.058	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	158606	27.415	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	90184	27.482	ug/L	97
47) Tetrachloroethene	10.86	164	86669	26.278	ug/L	96
49) 2-Hexanone	10.96	43	196354	61.408	ug/L	98
50) Dibromochloromethane	11.13	129	97581	27.924	ug/L	100
51) 1,2-Dibromoethane	11.23	107	85665	27.035	ug/L	97
52) Chlorobenzene	11.66	112	291916	26.694	ug/L	99
53) Ethylbenzene	11.73	91	546869	26.935	ug/L	97
54) m,p-Xylene	11.83	106	197008	26.725	ug/L	96
55) o-xylene	12.16	106	189345	27.001	ug/L	97
56) Styrene	12.18	104	327764	27.246	ug/L	99
57) Isopropylbenzene	12.46	105	523715	27.359	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	126028	28.868	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	97594	29.110	ug/L	99
62) Bromoform	12.35	173	58616	28.812	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	224174	26.692	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	226071	26.295	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	208724	26.700	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23104	30.102	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	174930	27.491	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	143876	26.989	ug/L	99
69) Naphthalene	15.37	128	331433	29.686	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	133433	27.357	ug/L	99

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

