

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011114.D
 Acq On : 02 Jul 2019 17:50
 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 03 05:15:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 12:27:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339207	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153343	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134129	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.56%
7) Chloroethane-d5	2.89	69	95090	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.68%
10) 1,1-Dichloroethene-d2	4.02	63	276369	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.76%
20) 2-Butanone-d5	7.07	46	115241	56.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.96%
24) Chloroform-d	7.65	84	243176	26.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	8.31	65	155521	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.27	84	500017	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.27	67	164686	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.52%
37) Toluene-d8	10.32	98	448180	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	10.58	79	70698	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.52%
39) 2-Hexanone-d5	10.93	63	81261	56.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142987	27.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	153701	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	108747	26.066	ug/L 99
3) Chloromethane	2.21	50	101696	22.453	ug/L 100
5) Vinyl chloride	2.36	62	139345	23.571	ug/L 98
6) Bromomethane	2.78	94	65066	23.525	ug/L 98
8) Chloroethane	2.92	64	73881	24.726	ug/L 100
9) Trichlorofluoromethane	3.25	101	42791	21.141	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	109200	24.213	ug/L 98
12) 1,1-Dichloroethene	4.04	96	107808	24.185	ug/L 83
13) Acetone	4.12	43	87020	43.666	ug/L 100
14) Carbon disulfide	4.39	76	296211	23.230	ug/L 100
15) Methyl Acetate	4.67	43	84850	26.166	ug/L 99
16) Methylene chloride	4.92	84	118076	23.688	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	179196	25.922	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	107314	23.824	ug/L 99
19) 1,1-Dichloroethane	6.21	63	224832	24.586	ug/L 100
21) 2-Butanone	7.17	43	122919	47.779	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	120185	24.649	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	51346	25.097	ug/L	97
25) Chloroform	7.67	83	210035	24.248	ug/L	100
27) 1,2-Dichloroethane	8.40	62	166932	25.211	ug/L	99
30) Cyclohexane	7.95	56	224719	23.749	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	154117	23.860	ug/L	100
32) Carbon tetrachloride	8.06	117	143721	23.725	ug/L	99
34) Benzene	8.32	78	471842	24.258	ug/L	100
35) Trichloroethene	9.09	95	117061	23.849	ug/L	98
36) Methylcyclohexane	9.34	83	207932	23.540	ug/L	99
40) 1,2-Dichloropropane	9.37	63	131541	24.680	ug/L	99
41) Bromodichloromethane	9.64	83	152759	24.859	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	200516	25.497	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	254849	51.580	ug/L	99
44) Toluene	10.38	91	492577	24.466	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	166179	25.538	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	92562	25.078	ug/L	97
47) Tetrachloroethene	10.86	164	87015	23.456	ug/L	98
49) 2-Hexanone	10.97	43	188477	52.407	ug/L	99
50) Dibromochloromethane	11.13	129	99378	25.284	ug/L	99
51) 1,2-Dibromoethane	11.23	107	88834	24.926	ug/L	97
52) Chlorobenzene	11.66	112	296756	24.127	ug/L	98
53) Ethylbenzene	11.73	91	558638	24.463	ug/L	100
54) m,p-Xylene	11.84	106	202432	24.415	ug/L	97
55) o-xylene	12.16	106	194010	24.597	ug/L	100
56) Styrene	12.18	104	340995	25.202	ug/L	99
57) Isopropylbenzene	12.46	105	529525	24.594	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	125977	25.656	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	96983	25.719	ug/L	100
62) Bromoform	12.35	173	57346	25.093	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	229476	24.324	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	232572	24.081	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	218405	24.871	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21200	24.589	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	176263	24.659	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	149569	24.977	ug/L	98
69) Naphthalene	15.37	128	338307	26.975	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	141271	25.784	ug/L	99

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

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