

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031819\
 Data File : VW009231.D
 Acq On : 18 Mar 2019 16:03
 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: Mar 19 01:35:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:10:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	449635	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	426638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218389	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	137275	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.20%
7) Chloroethane-d5	2.89	69	133068	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.02	63	295278	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.72%
20) 2-Butanone-d5	7.07	46	107747	48.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.98%
24) Chloroform-d	7.65	84	295775	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	176227	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.36%
29) Benzene-d6	8.27	84	557757	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.27	67	166684	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.32	98	521896	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	84399	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
39) 2-Hexanone-d5	10.93	63	86059	50.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172250	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	202512	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	145252	24.522	ug/L	88
3) Chloromethane	2.22	50	145965	23.227	ug/L	96
5) Vinyl chloride	2.37	62	200429	30.986	ug/L	96
6) Bromomethane	2.78	94	133562	24.646	ug/L	100
8) Chloroethane	2.93	64	135478	25.316	ug/L	94
9) Trichlorofluoromethane	3.26	101	124091	24.287	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	153860	26.075	ug/L	96
12) 1,1-Dichloroethene	4.04	96	158150	28.563	ug/L	85
13) Acetone	4.12	43	109852	60.284	ug/L	99
14) Carbon disulfide	4.38	76	458914	30.797	ug/L	99
15) Methyl Acetate	4.67	43	94591	26.423	ug/L	94
16) Methylene chloride	4.92	84	154144	23.509	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	195553	24.961	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	155132	26.649	ug/L	100
19) 1,1-Dichloroethane	6.21	63	282876	26.650	ug/L	98
21) 2-Butanone	7.17	43	139394	55.401	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	170877	27.097	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	80598	26.647	ug/L	97
25) Chloroform	7.67	83	300795	27.060	ug/L	99
27) 1,2-Dichloroethane	8.40	62	221045	26.672	ug/L	99
30) Cyclohexane	7.95	56	263954	27.242	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	234151	27.479	ug/L	99
32) Carbon tetrachloride	8.06	117	245972	28.611	ug/L	98
34) Benzene	8.32	78	641762	27.482	ug/L	100
35) Trichloroethene	9.09	95	167015	26.841	ug/L	99
36) Methylcyclohexane	9.34	83	295382	27.439	ug/L	99
40) 1,2-Dichloropropane	9.37	63	159716	26.654	ug/L	100
41) Bromodichloromethane	9.64	83	223160	26.878	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	260920	26.734	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	289157	53.253	ug/L	100
44) Toluene	10.38	91	700431	27.434	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	229731	27.059	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	129640	27.118	ug/L	97
47) Tetrachloroethene	10.86	164	142762	27.154	ug/L	96
49) 2-Hexanone	10.97	43	204113	53.372	ug/L	97
50) Dibromochloromethane	11.13	129	161642	27.390	ug/L	94
51) 1,2-Dibromoethane	11.23	107	130418	26.911	ug/L	96
52) Chlorobenzene	11.66	112	443415	27.078	ug/L	99
53) Ethylbenzene	11.73	91	786622	27.404	ug/L	99
54) m,p-Xylene	11.84	106	299069	27.424	ug/L	100
55) o-xylene	12.16	106	282319	26.536	ug/L	99
56) Styrene	12.18	104	495723	27.309	ug/L	98
57) Isopropylbenzene	12.46	105	786230	27.587	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	177048	27.452	ug/L #	97
59) 1,2,3-Trichloropropane	12.77	75	129288	27.012	ug/L	98
62) Bromoform	12.35	173	101553	27.521	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	346819	26.646	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	362750	26.957	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	336831	27.136	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	32914	27.056	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	270756	26.670	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	223508	26.210	ug/L	99
69) Naphthalene	15.37	128	481246	27.220	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	214706	26.882	ug/L	97

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

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