

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009603.D
 Acq On : 30 Mar 2019 21:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Mar 30 22:47:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412591	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	213792	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84748	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.76%
7) Chloroethane-d5	2.89	69	95100	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.92%
10) 1,1-Dichloroethene-d2	4.01	63	206895	19.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.68%
20) 2-Butanone-d5	7.07	46	128749	63.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.28%
24) Chloroform-d	7.64	84	263193	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	8.31	65	169997	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	456059	20.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.76%
33) 1,2-Dichloropropane-d6	9.27	67	150857	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.04%
37) Toluene-d8	10.32	98	416101	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.68%
38) trans-1,3-Dichloropropene-	10.57	79	70561	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.92	63	96767	59.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	189414	28.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	176415	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	105567	19.423 ug/L	98
3) Chloromethane	2.21	50	144649	25.084 ug/L	99
5) Vinyl chloride	2.37	62	172264	29.023 ug/L	98
6) Bromomethane	2.77	94	120084	24.149 ug/L	99
8) Chloroethane	2.93	64	117846	23.998 ug/L	89
9) Trichlorofluoromethane	3.25	101	89422	19.073 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	128194	23.676 ug/L	97
12) 1,1-Dichloroethene	4.03	96	127509	25.097 ug/L	81
13) Acetone	4.12	43	80000	47.843 ug/L	99
14) Carbon disulfide	4.37	76	319296	23.351 ug/L	100
15) Methyl Acetate	4.67	43	103476	31.500 ug/L	100
16) Methylene chloride	4.92	84	144948	24.091 ug/L	94
17) Methyl tert-butyl Ether	5.42	73	193796	26.958 ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	134643	25.206 ug/L	93
19) 1,1-Dichloroethane	6.20	63	275410	28.277 ug/L	97
21) 2-Butanone	7.17	43	147125	63.724 ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	159209	27.513 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	76999	27.743	ug/L	91
25) Chloroform	7.66	83	295587	28.979	ug/L	100
27) 1,2-Dichloroethane	8.40	62	236030	31.037	ug/L	96
30) Cyclohexane	7.95	56	210866	22.945	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	203192	25.142	ug/L	98
32) Carbon tetrachloride	8.06	117	209998	25.754	ug/L	99
34) Benzene	8.32	78	608383	27.468	ug/L	100
35) Trichloroethene	9.09	95	151895	25.738	ug/L	98
36) Methylcyclohexane	9.33	83	240216	23.526	ug/L	98
40) 1,2-Dichloropropane	9.37	63	161965	28.498	ug/L	98
41) Bromodichloromethane	9.64	83	228942	29.072	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	246447	26.623	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	331884	64.443	ug/L	99
44) Toluene	10.38	91	651951	26.922	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	218799	27.172	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	133545	29.453	ug/L	97
47) Tetrachloroethene	10.86	164	117945	23.652	ug/L	97
49) 2-Hexanone	10.97	43	245961	67.809	ug/L	98
50) Dibromochloromethane	11.13	129	162252	28.988	ug/L	96
51) 1,2-Dibromoethane	11.23	107	131713	28.654	ug/L	99
52) Chlorobenzene	11.66	112	425606	27.402	ug/L	99
53) Ethylbenzene	11.73	91	745865	27.396	ug/L	98
54) m,p-Xylene	11.84	106	280561	27.124	ug/L	97
55) o-xylene	12.16	106	276370	27.388	ug/L	98
56) Styrene	12.18	104	490885	28.512	ug/L	98
57) Isopropylbenzene	12.46	105	740186	27.383	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	193650	31.658	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	145806	32.119	ug/L	100
62) Bromoform	12.35	173	103562	28.669	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	329849	25.887	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	350611	26.615	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	332041	27.325	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	37662	31.625	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	244197	24.571	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	210657	25.234	ug/L	100
69) Naphthalene	15.37	128	511529	29.555	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	210790	26.959	ug/L	98

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

