

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009380.D
 Acq On : 23 Mar 2019 08:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Mar 23 21:09:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346905	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171653	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100734	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.89	69	113135	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
10) 1,1-Dichloroethene-d2	4.03	63	225251	25.14	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.56%
20) 2-Butanone-d5	7.07	46	96635	56.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.74%
24) Chloroform-d	7.65	84	266316	28.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.52%
26) 1,2-Dichloroethane-d4	8.31	65	165433	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.04%
29) Benzene-d6	8.27	84	486725	25.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.84%
33) 1,2-Dichloropropane-d6	9.27	67	151546	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.64%
37) Toluene-d8	10.32	98	450537	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.96%
38) trans-1,3-Dichloropropene-	10.57	79	69159	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.80%
39) 2-Hexanone-d5	10.92	63	71492	52.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	167241	30.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.60%#
61) 1,2-Dichlorobenzene-d4	13.86	152	176314	26.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	108462	23.734	ug/L	96
3) Chloromethane	2.21	50	115733	23.870	ug/L	99
5) Vinyl chloride	2.37	62	146822	29.420	ug/L	97
6) Bromomethane	2.78	94	112114	26.815	ug/L	100
8) Chloroethane	2.93	64	112596	27.270	ug/L	95
9) Trichlorofluoromethane	3.26	101	77032	19.541	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	117682	25.850	ug/L	93
12) 1,1-Dichloroethene	4.04	96	116324	27.230	ug/L	90
13) Acetone	4.12	43	69356	49.331	ug/L	99
14) Carbon disulfide	4.39	76	321689	27.981	ug/L	99
15) Methyl Acetate	4.67	43	108386	39.242	ug/L	98
16) Methylene chloride	4.91	84	141458	27.963	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	173646	28.728	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	122019	27.168	ug/L	92
19) 1,1-Dichloroethane	6.21	63	238326	29.102	ug/L	96
21) 2-Butanone	7.17	43	101762	52.421	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	138356	28.437	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	67675	29.001	ug/L	95
25) Chloroform	7.67	83	259427	30.250	ug/L	98
27) 1,2-Dichloroethane	8.40	62	196329	30.705	ug/L	95
30) Cyclohexane	7.96	56	190311	24.646	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	190425	28.042	ug/L	100
32) Carbon tetrachloride	8.06	117	189758	27.697	ug/L	96
34) Benzene	8.32	78	531435	28.557	ug/L	100
35) Trichloroethene	9.09	95	133744	26.971	ug/L	99
36) Methylcyclohexane	9.34	83	209612	24.433	ug/L	98
40) 1,2-Dichloropropane	9.37	63	139149	29.139	ug/L	99
41) Bromodichloromethane	9.64	83	192085	29.030	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	203769	26.199	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	249861	57.742	ug/L	100
44) Toluene	10.38	91	569873	28.008	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	179191	26.484	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	112605	29.557	ug/L	98
47) Tetrachloroethene	10.86	164	106876	25.508	ug/L	97
49) 2-Hexanone	10.97	43	160043	52.513	ug/L	97
50) Dibromochloromethane	11.13	129	136651	29.056	ug/L	94
51) 1,2-Dibromoethane	11.23	107	109798	28.429	ug/L	95
52) Chlorobenzene	11.66	112	359631	27.558	ug/L	98
53) Ethylbenzene	11.73	91	631691	27.614	ug/L	99
54) m,p-Xylene	11.84	106	237173	27.290	ug/L	91
55) o-xylene	12.17	106	231372	27.289	ug/L	99
56) Styrene	12.18	104	407252	28.152	ug/L	97
57) Isopropylbenzene	12.46	105	621496	27.364	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	155291	30.215	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	117095	30.699	ug/L	99
62) Bromoform	12.35	173	87623	30.212	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	273493	26.734	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	294257	27.821	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	281585	28.862	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	29163	30.500	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	197510	24.752	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	168129	25.084	ug/L	98
69) Naphthalene	15.37	128	409858	29.494	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	171289	27.285	ug/L	100

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

