

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009929.D
 Acq On : 11 Apr 2019 23:22
 Operator : SY/VA
 Sample : K2278-17
 Misc : 4.75G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6Y9

Quant Time: Apr 12 04:39:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	147	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	420	28.03	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
7) Chloroethane-d5	2.89	69	751	54.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	218.84%#
10) 1,1-Dichloroethene-d2	4.02	63	1150	35.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	142.76%#
20) 2-Butanone-d5	7.07	46	73	15.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.02%
24) Chloroform-d	7.65	84	1608	51.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	205.88%#
26) 1,2-Dichloroethane-d4	8.31	65	392	20.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.76%
29) Benzene-d6	8.27	84	1917	139.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	559.68%#
33) 1,2-Dichloropropane-d6	9.27	67	637	150.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	602.08%#
37) Toluene-d8	10.32	98	526	41.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	166.08%#
38) trans-1,3-Dichloropropene-	10.59	79	27	13.38	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.52%
39) 2-Hexanone-d5	10.88	63	46	57.67	ug/L	-0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	176	44.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	178.92%#
61) 1,2-Dichlorobenzene-d4	13.87	152	84	16.28	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.12%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.14	85	45	2.984	ug/L # 1
3) Chloromethane	2.21	50	96	6.159	ug/L # 43
5) Vinyl chloride	2.40	62	118	5.902	ug/L # 43
6) Bromomethane	2.83	94	54	3.903	ug/L 43
8) Chloroethane	3.00	64	53	4.039	ug/L # 44
9) Trichlorofluoromethane	2.87	101	56	4.566	ug/L # 18
11) 1,1,2-Trichloro-1,2,2-trif	3.93	101	45	2.821	ug/L # 23
12) 1,1-Dichloroethene	4.17	96	55	3.617	ug/L # 1
13) Acetone	4.13	43	169	32.423	ug/L 92
14) Carbon disulfide	4.20	76	55	1.164	ug/L # 75
15) Methyl Acetate	4.66	43	44	4.630	ug/L # 54
16) Methylene chloride	4.94	84	65	3.219	ug/L # 1
17) Methyl tert-butyl Ether	5.46	73	68	3.246	ug/L # 1
19) 1,1-Dichloroethane	5.99	63	54	1.779	ug/L # 49
21) 2-Butanone	7.23	43	116	17.498	ug/L 97
25) Chloroform	7.69	83	84	2.642	ug/L 95
30) Cyclohexane	7.93	56	49	7.954	ug/L # 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Benzene	8.59	78	54	3.439	ug/L	100
40) 1,2-Dichloropropane	9.30	63	62	15.424	ug/L #	1
41) Bromodichloromethane	9.89	83	45	8.113	ug/L #	25
42) cis-1,3-Dichloropropene	10.34	75	48	7.708	ug/L #	45
43) 4-Methyl-2-pentanone	10.24	43	64	20.497	ug/L #	1
45) trans-1,3-Dichloropropene	10.34	75	48	8.940	ug/L #	44
46) 1,1,2-Trichloroethane	10.57	97	45	14.914	ug/L #	17
49) 2-Hexanone	10.95	43	19	8.172	ug/L #	42
55) o-xylene	12.16	106	55	8.239	ug/L #	1
56) Styrene	12.08	104	43	3.713	ug/L #	30
59) 1,2,3-Trichloropropane	12.71	75	66	21.853	ug/L #	42
64) 1,4-Dichlorobenzene	13.83	146	45	4.641	ug/L #	26
65) 1,2-Dichlorobenzene	13.83	146	45	5.173	ug/L #	25

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

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