

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022019\
 Data File : VW008759.D
 Acq On : 20 Feb 2019 15:20
 Operator : SY/VA
 Sample : K1410-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2F76

Quant Time: Feb 22 08:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 20 13:48:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	398760	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392195	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218133	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	143324	23.11	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.87	69	130848	23.49	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	4.01	63	256235	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.36%
20) 2-Butanone-d5	7.07	46	96180	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
24) Chloroform-d	7.65	84	229890	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.31	65	141880	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.72%
29) Benzene-d6	8.27	84	479148	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	9.27	67	141854	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.88%
37) Toluene-d8	10.32	98	484271	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.72%
38) trans-1,3-Dichloropropene-	10.57	79	70483	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.00%
39) 2-Hexanone-d5	10.93	63	77237	51.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137328	24.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	199287	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	163212	20.613	ug/L	100
6) Bromomethane	2.75	94	49815	9.255	ug/L	96
9) Trichlorofluoromethane	3.25	101	156727	16.145	ug/L	100
12) 1,1-Dichloroethene	4.03	96	116384	23.399	ug/L	97
13) Acetone	4.12	43	100105	57.042	ug/L	100
15) Methyl Acetate	4.67	43	133023	38.004	ug/L	95
16) Methylene chloride	4.92	84	72726	11.279	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	454643	32.502	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	61009	11.141	ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	155289	26.440	ug/L	96
23) Bromochloromethane	7.51	128	42517	15.821	ug/L	93
27) 1,2-Dichloroethane	8.40	62	75361	10.587	ug/L #	92
30) Cyclohexane	7.95	56	100341	10.870	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	94347	10.420	ug/L	96
32) Carbon tetrachloride	8.07	117	109027	13.176	ug/L	99
35) Trichloroethene	9.09	95	241646	42.078	ug/L	96
36) Methylcyclohexane	9.34	83	268913	26.390	ug/L	96

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40) 1,2-Dichloropropane	9.37	63	70463	13.407	ug/L #	94
41) Bromodichloromethane	9.64	83	148220	20.740	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	152536	17.892	ug/L	97
44) Toluene	10.39	91	523495	21.402	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	64563	8.481	ug/L	94
47) Tetrachloroethene	10.86	164	218851	41.860	ug/L	95
49) 2-Hexanone	10.97	43	123513	33.175	ug/L	96
50) Dibromochloromethane	11.13	129	108674	20.400	ug/L	93
53) Ethylbenzene	11.73	91	456214	16.052	ug/L	97
54) m,p-Xylene	11.85	106	119604	10.702	ug/L	93
55) o-xylene	12.17	106	141488	13.160	ug/L	90
57) Isopropylbenzene	12.47	105	379464	13.231	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	294662	20.697	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	139721	10.595	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	22272	19.021	ug/L	95

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

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