

Data File : VW015069.D
Acq On : 27 Feb 2020 17:40
Operator : SY/VA
Sample : L1686-02
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 28 04:48:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 28 03:59:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	578840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	551849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	337322	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
7) Chloroethane-d5	2.89	69	251243	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
10) 1,1-Dichloroethene-d2	4.02	63	426218m	18.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.68%
20) 2-Butanone-d5	7.07	46	168953	69.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.62%#
24) Chloroform-d	7.65	84	525730	27.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.56%
26) 1,2-Dichloroethane-d4	8.31	65	326001	30.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.56%
29) Benzene-d6	8.27	84	1037708	27.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.44%
33) 1,2-Dichloropropane-d6	9.27	67	368446	29.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.08%
37) Toluene-d8	10.32	98	856080	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.57	79	132944	28.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.32%
39) 2-Hexanone-d5	10.92	63	119380	71.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	265504	32.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	229000	32.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.72%#

Target Compounds

					Qvalue
5) Vinyl chloride	2.36	62	101230	6.910 ug/L	92
13) Acetone	4.12	43	20238	7.070 ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	34597	3.868 ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	1934560	212.541 ug/L	93
35) Trichloroethene	9.09	95	279739	28.171 ug/L	99
44) Toluene	10.38	91	15828	0.397 ug/L	97
47) Tetrachloroethene	10.86	164	4502	0.703 ug/L	91

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

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