

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016926.D
 Acq On : 16 Oct 2020 14:30
 Operator : SY/VA
 Sample : L4382-14
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 01:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	625345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	518724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128472	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	2.89	69	112183	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
10) 1,1-Dichloroethene-d2	4.02	63	202357	15.45	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	7.08	46	59080	42.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.56%
24) Chloroform-d	7.65	84	306470	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	149238	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.27	84	624028	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
33) 1,2-Dichloropropane-d6	9.27	67	174092	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	577983	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.00%
38) trans-1,3-Dichloropropene-	10.58	79	66604	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.40%
39) 2-Hexanone-d5	10.93	63	46943	47.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119186	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	169846	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

					Ovalue
13) Acetone	4.12	43	14940	14.129	ug/L 98
16) Methylene chloride	4.91	84	17241	1.998	ug/L 93
21) 2-Butanone	7.18	43	5215m	2.938	ug/L
22) cis-1,2-Dichloroethene	7.17	96	4433	0.514	ug/L 90
34) Benzene	8.32	78	16393	0.588	ug/L 100
35) Trichloroethene	9.09	95	383715	48.698	ug/L 99
47) Tetrachloroethene	10.87	164	8775673	1201.311	ug/L 96

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

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