

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016331.D
 Acq On : 24 Aug 2020 15:30
 Operator : SY/VA
 Sample : L3782-06
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK3

Quant Time: Aug 25 15:15:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 15:01:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	286840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	214707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	48638	15.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.52%
7) Chloroethane-d5	2.89	69	40254	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
10) 1,1-Dichloroethene-d2	4.01	63	87623	12.04	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.16%
20) 2-Butanone-d5	7.08	46	36594	42.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.02%
24) Chloroform-d	7.65	84	146591	19.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	8.31	65	78185	20.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.16%
29) Benzene-d6	8.27	84	268068	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.28	67	79238	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	10.32	98	211844	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.92%
38) trans-1,3-Dichloropropene-	10.58	79	34565	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.36%
39) 2-Hexanone-d5	10.93	63	32252	60.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	63484	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	44589	20.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.76%

Target Compounds

					Ovalue
13) Acetone	4.12	43	4606	6.372	ug/L 99
16) Methylene chloride	4.92	84	26668	5.029	ug/L 94
47) Tetrachloroethene	10.87	164	217520	79.106	ug/L 96
54) m,p-Xylene	11.84	106	2129	0.359	ug/L 85

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

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