

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014417.D
 Acq On : 18 Dec 2019 02:39
 Operator : SY/VA
 Sample : K6257-05
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW5

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:36:21 PM

Quant Time: Dec 18 05:33:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	934759	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	817294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	261130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281271	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	243805	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.02	63	401314	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.20%
20) 2-Butanone-d5	7.07	46	160071	43.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.80%
24) Chloroform-d	7.64	84	633251	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.30	65	343351	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.08%
29) Benzene-d6	8.27	84	1244931	25.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.96%
33) 1,2-Dichloropropane-d6	9.27	67	413583	28.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.24%
37) Toluene-d8	10.32	98	1044175	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	138632	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.92	63	128090	43.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	301141	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	270017	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	44913	12.629 ug/L	98
16) Methylene chloride	4.92	84	31045	2.166 ug/L	90
21) 2-Butanone	7.15	43	21376m	4.477 ug/L	

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

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