

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062619\
 Data File : VW011003.D
 Acq On : 26 Jun 2019 14:38
 Operator : SY/VA
 Sample : K3456-19
 Misc : 4.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANY4

Manual Integrations
 APPROVED

MMDadoda
 6/29/2019 3:53:47 AM

Quant Time: Jun 27 08:18:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 27 07:30:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	263349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	231977	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70722	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.88	69	52648	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
10) 1,1-Dichloroethene-d2	4.02	63	121979	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.07	46	93636	58.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.82%
24) Chloroform-d	7.65	84	159572	22.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.88%
26) 1,2-Dichloroethane-d4	8.31	65	112371	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	322799	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.27	67	112421	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	10.32	98	281092	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.48%
38) trans-1,3-Dichloropropene-	10.58	79	43399	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.24%
39) 2-Hexanone-d5	10.93	63	61989	59.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104750	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	92449	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

Target Compounds					Ovalue
13) Acetone	4.12	43	10106	6.583 ug/L	93
16) Methylene chloride	4.92	84	8137m	2.086 ug/L	
47) Tetrachloroethene	10.87	164	2430	0.829 ug/L	92

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

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