

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009386.D
 Acq On : 23 Mar 2019 13:17
 Operator : SY/VA
 Sample : K2048-19
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G1

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:25 AM

Quant Time: Mar 23 23:07:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367714	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169891	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100997	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
7) Chloroethane-d5	2.89	69	103093	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
10) 1,1-Dichloroethene-d2	4.01	63	156562	15.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.24%
20) 2-Butanone-d5	7.07	46	88267	45.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.68%
24) Chloroform-d	7.64	84	232090	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	8.31	65	137656m	21.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.96%
29) Benzene-d6	8.27	84	414806	20.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.80%
33) 1,2-Dichloropropane-d6	9.27	67	131911	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.64%
37) Toluene-d8	10.32	98	365752	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.04%
38) trans-1,3-Dichloropropene-	10.58	79	58938	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.08%
39) 2-Hexanone-d5	10.93	63	64098	43.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132920	22.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	144975	22.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.00%

Target Compounds					Ovalue
16) Methylene chloride	4.90	84	8960m	1.577	ug/L
22) cis-1,2-Dichloroethene	7.17	96	18086	3.310	ug/L
35) Trichloroethene	9.09	95	13512	2.519	ug/L

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

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