

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009334.D
 Acq On : 21 Mar 2019 18:56
 Operator : SY/VA
 Sample : K2048-01
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F2

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:56 AM

Quant Time: Mar 22 10:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347123	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111092	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
7) Chloroethane-d5	2.90	69	105123	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
10) 1,1-Dichloroethene-d2	4.01	63	165266	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.08	46	103527	58.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.84%
24) Chloroform-d	7.65	84	236630	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	148573m	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	439300	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.27	67	135975	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	388772	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.57	79	62849	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	76252	54.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148541	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	155189	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	11321m	2.165	ug/L
22) cis-1,2-Dichloroethene	7.17	96	4348m	0.865	ug/L
35) Trichloroethene	9.09	95	222224	43.895	ug/L

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

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