

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009957.D
 Acq On : 12 Apr 2019 14:32
 Operator : SY/VA
 Sample : K2278-16
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6Y8

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:44 AM

Quant Time: Apr 13 00:49:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	584957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	561538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116973	15.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.12%
7) Chloroethane-d5	2.90	69	113479	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
10) 1,1-Dichloroethene-d2	4.02	63	233998	14.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.84%
20) 2-Butanone-d5	7.08	46	118993	47.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.76%
24) Chloroform-d	7.64	84	362948	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	225060	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	8.27	84	643587	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	213319	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	10.32	98	550854	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	86246	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.93	63	82512	48.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188457	22.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	213167	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds					Ovalue
13) Acetone	4.13	43	16654	6.254 ug/L	94
16) Methylene chloride	4.92	84	47529m	4.607 ug/L	
35) Trichloroethene	9.09	95	8851	1.001 ug/L	99

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

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