

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010145.D
 Acq On : 25 Apr 2019 16:11
 Operator : SY/VA
 Sample : K2481-16
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW9

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:52:40 PM

Quant Time: Apr 26 02:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	560022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	529081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230508	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120805	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	103654	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	4.01	63	247223m	15.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	7.07	46	83222	32.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.84%
24) Chloroform-d	7.65	84	331549	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.31	65	173983	19.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.80%
29) Benzene-d6	8.27	84	668061	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	205347	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.32	98	599243	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloropropene-	10.58	79	77796	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.28%
39) 2-Hexanone-d5	10.93	63	62972	32.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148615	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	205200	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds					Ovalue
13) Acetone	4.12	43	5357	2.808 ug/L	81
16) Methylene chloride	4.92	84	22219	2.831 ug/L	92

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

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