

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010129.D
 Acq On : 25 Apr 2019 05:43
 Operator : SY/VA
 Sample : K2497-02
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:52:02 PM

Quant Time: Apr 25 08:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 08:08:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	656962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503435	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130860	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.89	69	115768	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.01	63	258191	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	7.08	46	103908	35.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.08%
24) Chloroform-d	7.65	84	391364m	22.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	8.31	65	218795	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	775602	27.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.80%
33) 1,2-Dichloropropane-d6	9.27	67	255568	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.32	98	622900	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	74030	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.28%
39) 2-Hexanone-d5	10.93	63	76697	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178927	24.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	140833	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds					Ovalue
13) Acetone	4.12	43	12332	5.510 ug/L	99
16) Methylene chloride	4.90	84	18406m	1.999 ug/L	
44) Toluene	10.39	91	27553	0.850 ug/L	92
56) Styrene	12.18	104	56984	2.626 ug/L	96

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

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