

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009495.D
 Acq On : 27 Mar 2019 11:40
 Operator : SY/VA
 Sample : K1986-22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 2:47:14 PM

Quant Time: Mar 28 05:30:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	457192	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197931	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117056	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	121742	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
10) 1,1-Dichloroethene-d2	4.01	63	202634	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.07	46	87678	38.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.62%
24) Chloroform-d	7.64	84	291018	23.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	8.30	65	173853m	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.27	84	540341	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	168921	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.12%
37) Toluene-d8	10.32	98	498339	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	73159	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	64054	37.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146018	20.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	183611	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds					Ovalue
13) Acetone	4.12	43	4031	2.176 ug/L	58
16) Methylene chloride	4.92	84	17074m	2.561 ug/L	

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

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