

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011425.D
 Acq On : 22 Jul 2019 17:44
 Operator : SY/VA
 Sample : K3922-03MSD
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0MSD

Quant Time: Jul 23 05:21:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	143219	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
7) Chloroethane-d5	2.89	69	111301	29.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.88%
10) 1,1-Dichloroethene-d2	4.02	63	306550	26.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.28%
20) 2-Butanone-d5	7.07	46	136399	62.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.60%
24) Chloroform-d	7.65	84	258797	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.31	65	168386	28.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.84%
29) Benzene-d6	8.27	84	540313	32.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.40%
33) 1,2-Dichloropropane-d6	9.27	67	179938	32.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.96%#
37) Toluene-d8	10.32	98	422871	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.12%
38) trans-1,3-Dichloropropene-	10.58	79	72299	30.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.76%
39) 2-Hexanone-d5	10.93	63	96884	81.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.88%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126053	28.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	76857	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	119446	23.350	ug/L	88
13) Acetone	4.12	43	56008	24.180	ug/L	98
15) Methyl Acetate	4.67	43	18527	5.209	ug/L	99
21) 2-Butanone	7.18	43	9047	3.039	ug/L	95
34) Benzene	8.32	78	535930	29.337	ug/L	100
35) Trichloroethene	9.09	95	119792	25.800	ug/L	99
44) Toluene	10.39	91	520543	27.781	ug/L	99
52) Chlorobenzene	11.66	112	260090	23.017	ug/L	99

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

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