

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011557.D
 Acq On : 29 Jul 2019 13:54
 Operator : SY/VA
 Sample : K3979-23MSD
 Misc : 4.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB940MSD

Quant Time: Jul 30 07:03:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 05:56:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383500	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338685	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157767	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108944	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.89	69	81806	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
10) 1,1-Dichloroethene-d2	4.03	63	256599	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.48%
20) 2-Butanone-d5	7.07	46	128559	58.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.94%
24) Chloroform-d	7.65	84	225558	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.30	65	144541	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.00%
29) Benzene-d6	8.27	84	466881	23.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.20%
33) 1,2-Dichloropropane-d6	9.27	67	156756	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	408557	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.04%
38) trans-1,3-Dichloropropene-	10.58	79	67494	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	10.93	63	86180	60.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140607	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	143194	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	115987	22.770	ug/L	95
13) Acetone	4.12	43	4991	2.164	ug/L	77
34) Benzene	8.32	78	534188	24.297	ug/L	100
35) Trichloroethene	9.09	95	133695	23.926	ug/L	99
44) Toluene	10.39	91	550434	24.409	ug/L	99
52) Chlorobenzene	11.66	112	328281	24.140	ug/L	99

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

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