

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010260.D
 Acq On : 12 Apr 2019 00:10
 Operator : SY/MD
 Sample : K2278-14MSD
 Misc : 5.45G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y3MSD

Quant Time: Apr 12 07:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	301346	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	289204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52841	15.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.92%
7) Chloroethane-d5	1.58	69	93546	31.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.52%
10) 1,1-Dichloroethene-d2	2.12	63	164501	18.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.52%
20) 2-Butanone-d5	3.95	46	42996	48.98	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.96%
24) Chloroform-d	4.40	84	165367	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.08	65	97253	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	5.09	84	312392	22.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.60%
33) 1,2-Dichloropropane-d6	6.12	67	101998	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	7.36	98	282586	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.12%
38) trans-1,3-Dichloropropene-	7.66	79	34921	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	8.14	63	31235	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84106	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	106873	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.13	96	89283	22.457	ug/L	94
13) Acetone	2.20	43	3345	3.566	ug/L	95
16) Methylene chloride	2.53	84	11279	1.911	ug/L	99
34) Benzene	5.14	78	373568	25.482	ug/L	100
35) Trichloroethene	5.96	95	101494	23.961	ug/L	99
44) Toluene	7.43	91	410371	24.900	ug/L	97
52) Chlorobenzene	8.92	112	279860	24.335	ug/L	99

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

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