

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012983.D
 Acq On : 25 Sep 2019 18:11
 Operator : SY/MD
 Sample : K4988-08
 Misc : 5.37G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ0

Quant Time: Sep 26 03:42:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	665552	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	630120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	243780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231954	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	1.58	69	209684	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
10) 1,1-Dichloroethene-d2	2.13	63	317170	18.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	3.95	46	123884	34.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.48%
24) Chloroform-d	4.40	84	455902	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	5.08	65	273095	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	5.10	84	909590	25.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.40%
33) 1,2-Dichloropropane-d6	6.11	67	298688	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.36%
37) Toluene-d8	7.36	98	771970	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	7.66	79	105811	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.64%
39) 2-Hexanone-d5	8.13	63	86957	39.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	235528	22.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	252406	26.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.60%

Target Compounds					Ovalue
13) Acetone	2.21	43	4595	1.212 ug/L	98
16) Methylene chloride	2.53	84	35607	3.579 ug/L	99

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

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