

Data File : VV010896.D
Acq On : 15 May 2019 12:33
Operator : SY/MD
Sample : K2788-09
Misc : 6.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5197

Quant Time: May 16 07:53:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	16690	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	16075	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	5491	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4512	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
7) Chloroethane-d5	1.58	69	4227	30.50	ug/L	0.04
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.00%
10) 1,1-Dichloroethene-d2	2.13	63	7258	18.04	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	3.95	46	2376	35.52	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.04%
24) Chloroform-d	4.40	84	10216	21.20	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.09	65	6124	22.35	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.40%
29) Benzene-d6	5.10	84	20245	22.75	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	6.12	67	6452	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.92%
37) Toluene-d8	7.36	98	16527	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.32%
38) trans-1,3-Dichloropropene-	7.67	79	1996	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.48%
39) 2-Hexanone-d5	8.14	63	1532	28.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7070	26.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	4939	21.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.12%

Target Compounds					Qvalue
13) Acetone	2.19	43	1221	17.919 ug/L	91
16) Methylene chloride	2.53	84	1007	3.739 ug/L	86

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

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