

Data File : VV010917.D

Acq On : 16 May 2019 01:58

Operator : SY/MD

Sample : K2788-19

Misc : 7.09G/10ML/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51B1

Quant Time: May 19 22:17:18 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M

Quant Title : VOC Analysis

QLast Update : Sun May 19 22:09:51 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143637	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34557	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
7) Chloroethane-d5	1.56	69	28487	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
10) 1,1-Dichloroethene-d2	2.12	63	52042	15.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	3.93	46	37352	64.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.76%
24) Chloroform-d	4.39	84	88585	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.07	65	56643	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	5.09	84	178516	22.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.12%
33) 1,2-Dichloropropane-d6	6.11	67	61712	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	7.36	98	147988	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.64%
38) trans-1,3-Dichloropropene-	7.66	79	23440	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	8.13	63	27840	58.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61698	26.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	54379	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

Target Compounds					Qvalue
13) Acetone	2.18	43	2481	4.231 ug/L	86
14) Carbon disulfide	2.30	76	7165	1.437 ug/L	100

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

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