

Data File : VV010302.D
Acq On : 12 Apr 2019 22:52
Operator : SY/MD
Sample : K2303-20
Misc : 5.29G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF8B3

Quant Time: Apr 13 06:18:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216636	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35491	14.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.92%
7) Chloroethane-d5	1.57	69	37565	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
10) 1,1-Dichloroethene-d2	2.13	63	76006	11.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.88%
20) 2-Butanone-d5	3.93	46	35755	56.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.32%
24) Chloroform-d	4.40	84	89506	18.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.36%
26) 1,2-Dichloroethane-d4	5.08	65	62250	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.36%
29) Benzene-d6	5.10	84	184681	17.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.76%
33) 1,2-Dichloropropane-d6	6.12	67	59521	19.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.76%
37) Toluene-d8	7.36	98	166446	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.32%
38) trans-1,3-Dichloropropene-	7.66	79	22052	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.08%
39) 2-Hexanone-d5	8.13	63	27502	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62948	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	68406	20.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.12%

Target Compounds					Qvalue
13) Acetone	2.19	43	6850	10.159 ug/L	93
16) Methylene chloride	2.54	84	14615	3.445 ug/L	95

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

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