

Data File : VV011046.D
Acq On : 24 May 2019 02:15
Operator : SY/MD
Sample : K3016-14
Misc : 5.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D1

Quant Time: May 24 09:23:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92792	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18202	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	1.56	69	15471	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	2.12	63	28632	14.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.32%
20) 2-Butanone-d5	3.94	46	35362	96.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.76%#
24) Chloroform-d	4.40	84	62734	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.08	65	38904	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	5.09	84	119158	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	6.12	67	41644	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.40%
37) Toluene-d8	7.36	98	92549	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	7.66	79	14399	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	8.13	63	27775	92.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.86%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49555	30.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.24%#
61) 1,2-Dichlorobenzene-d4	11.67	152	26553	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

Target Compounds					Qvalue
13) Acetone	2.19	43	19294	54.811 ug/L	93
15) Methyl Acetate	2.46	43	5559	8.219 ug/L	95
21) 2-Butanone	4.03	43	2963	6.151 ug/L	94

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

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