

Data File : VV009955.D
Acq On : 28 Mar 2019 04:17
Operator : SY/MD
Sample : K2101-18
Misc : 4.45G/10mL/MSVOA_V/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0G6

Quant Time: Mar 29 03:39:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	112632	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37218	16.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.12%
7) Chloroethane-d5	1.55	69	54351	22.02	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	2.11	63	64344	10.29	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.16%#
20) 2-Butanone-d5	3.92	46	28100	65.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.96%
24) Chloroform-d	4.39	84	68287	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.07	65	52293	30.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.12%
29) Benzene-d6	5.09	84	147804	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	6.11	67	49423	28.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.16%
37) Toluene-d8	7.36	98	124952	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	7.66	79	15864	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.00%
39) 2-Hexanone-d5	8.13	63	19150	58.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46228	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	39975	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds					Qvalue
13) Acetone	2.18	43	2765	4.288 ug/L	98
16) Methylene chloride	2.52	84	4509	2.431 ug/L	88
47) Tetrachloroethene	8.02	164	70641	53.863 ug/L	92

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

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