

Data File : VV010025.D  
 Acq On : 30 Mar 2019 17:36  
 Operator : SY/MD  
 Sample : K2166-10  
 Misc : 5.87G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleID :  
 BF0L5

Quant Time: Apr 16 04:57:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM032619S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 30 23:31:11 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113162	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116116	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46979	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54124	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.28%
7) Chloroethane-d5	1.56	69	62671	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.08%
10) 1,1-Dichloroethene-d2	2.12	63	119845	19.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.32%
20) 2-Butanone-d5	3.94	46	28526	66.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.32%
24) Chloroform-d	4.40	84	65832	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.08	65	52900	30.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.96%
29) Benzene-d6	5.10	84	156791	25.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.84%
33) 1,2-Dichloropropane-d6	6.12	67	49283	27.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.48%
37) Toluene-d8	7.36	98	130071	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	7.66	79	15064	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	8.13	63	22215	66.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50711	28.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	48688	27.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.88%

Target Compounds

						Qvalue
13) Acetone	2.19	43	7708	11.897	ug/L	98
16) Methylene chloride	2.53	84	4309	2.312	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	1575	1.062	ug/L	78
22) cis-1,2-Dichloroethene	3.96	96	9811	5.993	ug/L	89

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

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