

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\  
 Data File : VV010757.D  
 Acq On : 09 May 2019 08:07  
 Operator : SY/MD  
 Sample : K2693-07  
 Misc : 5.91G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFHE2

Quant Time: May 09 08:33:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 09 04:43:30 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81089	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	80110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30807	25.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	19852	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.04%
7) Chloroethane-d5	1.56	69	22885	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
10) 1,1-Dichloroethene-d2	2.12	63	27136	9.93	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.72%#
20) 2-Butanone-d5	3.92	46	16444	43.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.00%
24) Chloroform-d	4.39	84	52725	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.07	65	37265	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.96%
29) Benzene-d6	5.09	84	107584	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
33) 1,2-Dichloropropane-d6	6.11	67	37018	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	7.36	98	97043	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	7.66	79	13457	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.88%
39) 2-Hexanone-d5	8.13	63	11404	40.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27520	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	32300	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	2287	3.908	ug/L	91
16) Methylene chloride	2.53	84	3263	2.602	ug/L	97

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

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