

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\  
 Data File : VV010709.D  
 Acq On : 07 May 2019 23:34  
 Operator : SY/MD  
 Sample : K2633-18  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAJB0

Quant Time: May 08 04:51:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 08 03:02:12 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	33029	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	41080	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	17551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3919	7.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	30.56%
7) Chloroethane-d5	1.57	69	5771	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.68%
10) 1,1-Dichloroethene-d2	2.13	63	7199	6.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.88%#
20) 2-Butanone-d5	3.94	46	13079	84.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.90%#
24) Chloroform-d	4.40	84	23285	25.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.44%
26) 1,2-Dichloroethane-d4	5.08	65	20369	36.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.88%#
29) Benzene-d6	5.10	84	39179	18.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.48%
33) 1,2-Dichloropropane-d6	6.12	67	17767	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	7.36	98	35025	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.68%
38) trans-1,3-Dichloropropene-	7.66	79	6728	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	8.13	63	8792	60.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19695	30.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	17257	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	827	1.619 ug/L	77

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

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