

Data File : VV010281.D
Acq On : 12 Apr 2019 12:27
Operator : SY/MD
Sample : K2328-19MS
Misc : 4.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB733MS

Quant Time: Apr 13 05:05:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228463	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91061	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42460	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
7) Chloroethane-d5	1.57	69	44590	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	2.13	63	129227	19.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.20%
20) 2-Butanone-d5	3.93	46	27943	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
24) Chloroform-d	4.40	84	113764	21.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	5.08	65	62741	21.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.44%
29) Benzene-d6	5.10	84	220045	21.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.12%
33) 1,2-Dichloropropane-d6	6.12	67	67812	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.16%
37) Toluene-d8	7.36	98	212309	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.20%
38) trans-1,3-Dichloropropene-	7.66	79	24675	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.96%
39) 2-Hexanone-d5	8.13	63	18399	34.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54930	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	75742	22.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.08%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.14	96	79269	26.298	ug/L	94
13) Acetone	2.19	43	2557	3.596	ug/L	98
16) Methylene chloride	2.53	84	10331	2.309	ug/L	95
34) Benzene	5.15	78	296598	27.279	ug/L	100
35) Trichloroethene	5.96	95	83275	26.508	ug/L	99
44) Toluene	7.43	91	335866	27.478	ug/L	99
52) Chlorobenzene	8.93	112	223391	26.191	ug/L	98

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

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