

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009088.D
 Acq On : 20 Dec 2018 17:02
 Operator : SY/MD
 Sample : J6471-02
 Misc : 5.54 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9H11

Quant Time: Dec 21 01:07:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 00:25:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199022	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41940	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	1.58	69	44046	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.80%
10) 1,1-Dichloroethene-d2	2.13	63	84939	16.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.00%
20) 2-Butanone-d5	3.94	46	29530	39.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.76%
24) Chloroform-d	4.40	84	115620	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	5.08	65	69366	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	5.10	84	226862	24.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.28%
33) 1,2-Dichloropropane-d6	6.12	67	68928	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	7.36	98	199018	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	7.67	79	28016	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
39) 2-Hexanone-d5	8.14	63	16963	35.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51409	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	57493	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds					Qvalue
13) Acetone	2.20	43	2883	2.610 ug/L	88
16) Methylene chloride	2.53	84	6094	1.818 ug/L	96

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

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