

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009098.D
 Acq On : 20 Dec 2018 22:36
 Operator : SY/MD
 Sample : J6468-04RE
 Misc : 5.75 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG2RE

Quant Time: Dec 21 01:53:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178463	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94807	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	13476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47798	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.52%
7) Chloroethane-d5	1.58	69	51328	37.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	150.48%#
10) 1,1-Dichloroethene-d2	2.13	63	87141	18.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.48%
20) 2-Butanone-d5	3.94	46	35037	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
24) Chloroform-d	4.40	84	132888	30.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.88%
26) 1,2-Dichloroethane-d4	5.08	65	72625	31.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.08%
29) Benzene-d6	5.10	84	237719	44.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	179.56%#
33) 1,2-Dichloropropane-d6	6.12	67	77955	52.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	210.36%#
37) Toluene-d8	7.36	98	162969	33.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.04%#
38) trans-1,3-Dichloropropene-	7.67	79	17613	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.16%
39) 2-Hexanone-d5	8.14	63	15812	58.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45883	36.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.60%#
61) 1,2-Dichlorobenzene-d4	11.68	152	17765	35.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	140.52%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.20	43	6378	6.438	ug/L	95
16) Methylene chloride	2.54	84	5051	1.681	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	4873	1.880	ug/L	79
30) Cyclohexane	4.72	56	3427	1.436	ug/L #	89
34) Benzene	5.15	78	11836	2.084	ug/L	100
35) Trichloroethene	5.96	95	2574	1.503	ug/L	97
36) Methylcyclohexane	6.18	83	4675	1.712	ug/L	95
44) Toluene	7.43	91	4390	0.737	ug/L	93

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

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