

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009099.D
 Acq On : 20 Dec 2018 23:00
 Operator : SY/MD
 Sample : J6468-05RE
 Misc : 5.36 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG3RE

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:04:30 AM

Quant Time: Dec 21 01:56:46 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	216975	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45818	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	50110	30.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.84%
10) 1,1-Dichloroethene-d2	2.13	63	88238	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	3.94	46	32743	40.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.10%
24) Chloroform-d	4.40	84	137054	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	5.08	65	80638	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.32%
29) Benzene-d6	5.10	84	258876	27.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.84%
33) 1,2-Dichloropropane-d6	6.12	67	82943	31.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.84%#
37) Toluene-d8	7.36	98	215829	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.84%
38) trans-1,3-Dichloropropene-	7.67	79	26847	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.44%
39) 2-Hexanone-d5	8.14	63	19311	40.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56707	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	48362	26.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.56%

Target Compounds					Qvalue
13) Acetone	2.21	43	2292m	1.903 ug/L	
16) Methylene chloride	2.54	84	5475	1.498 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	2051	0.651 ug/L	94
35) Trichloroethene	5.96	95	8478	2.806 ug/L	97

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

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