

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121918\
 Data File : VV009054.D
 Acq On : 19 Dec 2018 16:42
 Operator : SY/MD
 Sample : J6468-01
 Misc : 6.26G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JF9

Quant Time: Dec 20 21:41:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21794	13.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.52%
7) Chloroethane-d5	1.58	69	30512	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
10) 1,1-Dichloroethene-d2	2.13	63	68165	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	3.93	46	33209	58.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.20%
24) Chloroform-d	4.40	84	107119	29.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.48%
26) 1,2-Dichloroethane-d4	5.08	65	71722	36.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.16%#
29) Benzene-d6	5.10	84	192254	21.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.84%
33) 1,2-Dichloropropane-d6	6.12	67	68178	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	7.36	98	175571	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.68%
38) trans-1,3-Dichloropropene-	7.67	79	29228	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.32%
39) 2-Hexanone-d5	8.14	63	19790	43.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54823	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	67430	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

Target Compounds					Ovalue
13) Acetone	2.20	43	13084	15.537 ug/L	98
16) Methylene chloride	2.53	84	5728	2.242 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	7570	3.436 ug/L	97

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

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