

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009056.D
 Acq On : 19 Dec 2018 17:32
 Operator : SY/MD
 Sample : J6468-04
 Misc : 5.30G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG2

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 1:25:34 PM

Quant Time: Dec 20 03:33:22 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	86013	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	31122	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3277	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37023	41.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	166.40%#
7) Chloroethane-d5	1.58	69	43277	65.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	263.24%#
10) 1,1-Dichloroethene-d2	2.13	63	88130	39.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	158.40%#
20) 2-Butanone-d5	3.94	46	28711	88.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.20%#
24) Chloroform-d	4.40	84	90893	43.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	175.84%#
26) 1,2-Dichloroethane-d4	5.08	65	48846	43.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	173.16%#
29) Benzene-d6	5.10	84	135356	77.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	311.48%#
33) 1,2-Dichloropropane-d6	6.12	67	53993	110.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	443.84%#
37) Toluene-d8	7.36	98	69744	43.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	173.44%#
38) trans-1,3-Dichloropropene-	7.67	79	8240	38.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	154.16%#
39) 2-Hexanone-d5	8.14	63	10392	116.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	233.14%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28153	68.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	275.88%#
61) 1,2-Dichlorobenzene-d4	11.68	152	4140	33.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	134.64%#

Target Compounds

					Qvalue
13) Acetone	2.20	43	6901	14.454 ug/L	89
16) Methylene chloride	2.53	84	4607	3.181 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	8305	6.648 ug/L	96
30) Cyclohexane	4.72	56	3424	4.369 ug/L #	89
34) Benzene	5.15	78	13060	7.004 ug/L	100
35) Trichloroethene	5.96	95	2889	5.139 ug/L	93
36) Methylcyclohexane	6.18	83	3989m	4.449 ug/L	
44) Toluene	7.43	91	2824	1.444 ug/L	88

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

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