

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009103.D
 Acq On : 21 Dec 2018 00:39
 Operator : SY/MD
 Sample : J6468-14
 Misc : 6.38 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JH0

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:04:42 AM

Quant Time: Dec 21 02:07:22 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	226776	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72356	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39441	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
7) Chloroethane-d5	1.58	69	43460	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
10) 1,1-Dichloroethene-d2	2.13	63	80556	13.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.92%
20) 2-Butanone-d5	3.94	46	30488	35.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.36%
24) Chloroform-d	4.40	84	126225	23.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	76487	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	5.10	84	244674	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	6.12	67	78470	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.92%
37) Toluene-d8	7.36	98	218165	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	7.67	79	31104	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.76%
39) 2-Hexanone-d5	8.14	63	20152	36.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55408	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	63158	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.20	43	3125m	2.482	ug/L	
16) Methylene chloride	2.54	84	6710	1.757	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	23493	7.133	ug/L	94
35) Trichloroethene	5.96	95	483268	138.520	ug/L	100
47) Tetrachloroethene	8.02	164	98239	34.625	ug/L	98

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

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