

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022119\
 Data File : VV009323.D
 Acq On : 21 Feb 2019 14:27
 Operator : SY/MD
 Sample : K1543-07
 Misc : 3.01G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5X7

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 3:33:21 PM

Quant Time: Feb 22 05:50:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 22 04:53:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	139966	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44601	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	61639	27.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.92%
10) 1,1-Dichloroethene-d2	2.13	63	87905	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	21380	32.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.62%
24) Chloroform-d	4.40	84	76357	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.08	65	42164	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	5.10	84	159839	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	6.12	67	48899	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	7.36	98	146386	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloropropene-	7.67	79	18947	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	8.14	63	19001	36.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44728	21.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	45089	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds					Ovalue
13) Acetone	2.21	43	5342m	8.385 ug/L	
16) Methylene chloride	2.54	84	6178	2.918 ug/L	93

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

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