

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009559.D
 Acq On : 09 Mar 2019 00:15
 Operator : SY/MD
 Sample : K1818-04
 Misc : 5.63G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
ClientSampled :
 BF2K9

Manual Integrations
APPROVED
 MMDadoda
 3/11/2019 10:08:54 AM

Quant Time: Mar 09 04:11:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122546	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30226	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	1.57	69	51097	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
10) 1,1-Dichloroethene-d2	2.13	63	69247	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	3.95	46	34765	69.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.32%#
24) Chloroform-d	4.40	84	75774	25.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	5.08	65	50735	30.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.20%
29) Benzene-d6	5.10	84	152214	25.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.00%
33) 1,2-Dichloropropane-d6	6.12	67	49258	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.92%
37) Toluene-d8	7.36	98	144428	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	7.67	79	20610	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.52%
39) 2-Hexanone-d5	8.14	63	25271	62.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54514	29.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	55269	28.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	2.54	84	2252	1.400	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	2885m	1.746	ug/L	
35) Trichloroethene	5.96	95	2369	1.336	ug/L	92
47) Tetrachloroethene	8.02	164	718817	534.631	ug/L	93

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

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