

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022119\
 Data File : VV009322.D
 Acq On : 21 Feb 2019 14:00
 Operator : SY/MD
 Sample : K1543-06
 Misc : 3.25G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5X3

Quant Time: Feb 22 05:52:39 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	115588	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38152	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37561	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
7) Chloroethane-d5	1.58	69	50815	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.72%
10) 1,1-Dichloroethene-d2	2.13	63	72212	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	3.96	46	22721	42.22	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
24) Chloroform-d	4.40	84	60496	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.08	65	35468	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	5.10	84	130714	25.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.20%
33) 1,2-Dichloropropane-d6	6.12	67	40615	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	7.36	98	117075	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.16%
38) trans-1,3-Dichloropropene-	7.67	79	15351	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	8.14	63	18892	45.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38700	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	33675	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds					Ovalue
13) Acetone	2.21	43	6061	11.521 ug/L	88
16) Methylene chloride	2.54	84	5291	3.026 ug/L	95

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

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