

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009533.D
 Acq On : 07 Mar 2019 16:59
 Operator : SY/MD
 Sample : K1789-04
 Misc : 6.98G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P0

Quant Time: Mar 08 04:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 03:01:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143103	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63852	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35715	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	1.57	69	38889	15.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.44%
10) 1,1-Dichloroethene-d2	2.12	63	81253	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.52%
20) 2-Butanone-d5	3.93	46	31104	52.99	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.98%
24) Chloroform-d	4.40	84	71292	20.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.64%
26) 1,2-Dichloroethane-d4	5.08	65	54374	28.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.16%
29) Benzene-d6	5.10	84	177460	25.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.40%
33) 1,2-Dichloropropane-d6	6.12	67	56419	27.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.16%
37) Toluene-d8	7.36	98	169731	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.52%
38) trans-1,3-Dichloropropene-	7.66	79	23354	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.40%
39) 2-Hexanone-d5	8.13	63	22114	45.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.84%
48) 1,1,1,2,2-Tetrachloroethane-	10.26	84	56233	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	59605	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	3863	2.057	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	23525	12.194	ug/L	94
25) Chloroform	4.43	83	17509	5.210	ug/L	94
35) Trichloroethene	5.96	95	21528	10.157	ug/L	97
47) Tetrachloroethene	8.03	164	4444586	2764.626	ug/L	95

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

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