

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010096.D
 Acq On : 03 Apr 2019 16:44
 Operator : SY/MD
 Sample : K2215-10
 Misc : 5.16G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2N9

Quant Time: Apr 04 08:00:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	225824	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56277	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
7) Chloroethane-d5	1.58	69	73857	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	2.13	63	117796	15.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	33964	39.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.96%
24) Chloroform-d	4.40	84	128928	22.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.08	65	76861	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	5.10	84	262091	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	6.12	67	80708	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
37) Toluene-d8	7.36	98	237646	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	7.67	79	23347	16.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.56%
39) 2-Hexanone-d5	8.14	63	21575	33.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68729	21.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	91641	24.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.96%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	5565	1.403 ug/L	94
47) Tetrachloroethene	8.02	164	6656	2.674 ug/L	94

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

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