

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040419\
 Data File : VV010119.D
 Acq On : 04 Apr 2019 19:35
 Operator : SY/MD
 Sample : K2215-10
 Misc : 5.08G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2N9

Quant Time: Apr 19 02:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	242142	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104658	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59268	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.12%
7) Chloroethane-d5	1.58	69	56969	14.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.60%
10) 1,1-Dichloroethene-d2	2.13	63	126596	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	3.93	46	31449	34.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.18%
24) Chloroform-d	4.40	84	121773	19.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.84%
26) 1,2-Dichloroethane-d4	5.08	65	73828	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.52%
29) Benzene-d6	5.10	84	279021	23.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.60%
33) 1,2-Dichloropropane-d6	6.12	67	82007	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	7.36	98	256439	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.28%
38) trans-1,3-Dichloropropene-	7.66	79	27633	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.48%
39) 2-Hexanone-d5	8.13	63	23466	33.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66134	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	92290	22.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	2310	2.533	ug/L	88
16) Methylene chloride	2.54	84	11887	2.794	ug/L	99
25) Chloroform	4.42	83	15059	2.735	ug/L	94

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

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