

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010154.D
 Acq On : 06 Apr 2019 15:36
 Operator : SY/MD
 Sample : K2259-20
 Misc : 5.77G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ37

Quant Time: Apr 07 02:08:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	236926	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38636	12.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.72%
7) Chloroethane-d5	1.57	69	49398	12.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.16%
10) 1,1-Dichloroethene-d2	2.13	63	93843	11.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.92%
20) 2-Butanone-d5	3.94	46	45737	50.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.34%
24) Chloroform-d	4.40	84	146347	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	5.08	65	96259	28.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.28%
29) Benzene-d6	5.10	84	284802	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	6.12	67	95926	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.04%
37) Toluene-d8	7.36	98	256188	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	7.66	79	33285	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.08%
39) 2-Hexanone-d5	8.14	63	30379	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87314	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	92914	25.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	2734	3.064	ug/L	89
16) Methylene chloride	2.54	84	6706	1.611	ug/L	89
18) trans-1,2-Dichloroethene	2.79	96	4234	1.496	ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	135555	43.149	ug/L	96
35) Trichloroethene	5.96	95	227576	68.377	ug/L	98
47) Tetrachloroethene	8.02	164	8735	3.135	ug/L	91

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

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