

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010019.D
 Acq On : 30 Mar 2019 14:58
 Operator : SY/MD
 Sample : K2166-02
 Misc : 6.31G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF104

Quant Time: Mar 31 21:14:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120474	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131194	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57876	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34869	14.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.04%
7) Chloroethane-d5	1.56	69	48769	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	2.12	63	87460	13.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.32%
20) 2-Butanone-d5	3.94	46	27134	59.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.12%
24) Chloroform-d	4.40	84	60657	19.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.04%
26) 1,2-Dichloroethane-d4	5.08	65	55180	29.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.48%
29) Benzene-d6	5.10	84	146058	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	6.12	67	52198	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	7.36	98	127843	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.40%
38) trans-1,3-Dichloropropene-	7.66	79	17033	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	8.13	63	21016	55.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51269	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	51702	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	4265	2.150 ug/L	93
35) Trichloroethene	5.96	95	2255	1.187 ug/L	88
47) Tetrachloroethene	8.02	164	423408	282.356 ug/L	96

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

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