

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009663.D
 Acq On : 14 Mar 2019 14:07
 Operator : SY/MD
 Sample : K1838-18
 Misc : 5.96G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF180

Quant Time: Mar 15 04:53:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98685	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95243	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17670	14.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.00%
7) Chloroethane-d5	1.56	69	20742	13.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.28%
10) 1,1-Dichloroethene-d2	2.13	63	38459	11.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.08%
20) 2-Butanone-d5	3.93	46	29735	89.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.92%#
24) Chloroform-d	4.40	84	46425	18.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.08	65	35249	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	5.10	84	92499	18.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.08%
33) 1,2-Dichloropropane-d6	6.12	67	32217	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.28%
37) Toluene-d8	7.36	98	82769	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.48%
38) trans-1,3-Dichloropropene-	7.66	79	13434	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.12%
39) 2-Hexanone-d5	8.13	63	21171	78.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.52%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44992	32.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.20%#
61) 1,2-Dichlorobenzene-d4	11.68	152	35095	21.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.12%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	2007	1.397 ug/L	86

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

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