

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010021.D
 Acq On : 30 Mar 2019 15:51
 Operator : SY/MD
 Sample : K2166-04
 Misc : 5.19G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF106

Quant Time: Mar 31 21:29:53 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	5.67	114	3823	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	4215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	697	8.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.92%
7) Chloroethane-d5	1.58	69	1461	17.44	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
10) 1,1-Dichloroethene-d2	2.14	63	1023	4.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	19.28%#
20) 2-Butanone-d5	3.95	46	780	53.95	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.90%
24) Chloroform-d	4.41	84	3642	37.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	149.56%
26) 1,2-Dichloroethane-d4	5.09	65	3317	56.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	226.36%#
29) Benzene-d6	5.11	84	5718	25.83	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.32%
33) 1,2-Dichloropropane-d6	6.13	67	2440	37.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.72%#
37) Toluene-d8	7.36	98	3821	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.96%
38) trans-1,3-Dichloropropene-	0.00	79	0d	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	8.14	63	161	13.32	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3109	48.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	193.96%#
61) 1,2-Dichlorobenzene-d4	11.68	152	1269	106.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	424.60%#

Target Compounds					Ovalue
47) Tetrachloroethene	8.02	164	2078	43.132 ug/L	# 83

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

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