

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010022.D
 Acq On : 30 Mar 2019 16:17
 Operator : SY/MD
 Sample : K2166-05
 Misc : 5.32G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF107

Quant Time: Mar 31 21:15:09 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	111018	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117318	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47750	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40694	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	1.55	69	56926	23.40	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	2.12	63	99556	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	3.93	46	30423	72.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.94%#
24) Chloroform-d	4.40	84	62099	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.08	65	53023	31.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.60%
29) Benzene-d6	5.10	84	148971	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	6.12	67	50467	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.00%
37) Toluene-d8	7.36	98	124778	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	7.66	79	16001	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.80%
39) 2-Hexanone-d5	8.14	63	23162	68.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.68%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53149	29.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	49337	27.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	4018	2.198	ug/L	84
22) cis-1,2-Dichloroethene	3.96	96	977	0.608	ug/L	80
35) Trichloroethene	5.96	95	4069	2.394	ug/L	93
47) Tetrachloroethene	8.02	164	298099	222.304	ug/L	96

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

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