

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
 Data File : VV012948.D
 Acq On : 23 Sep 2019 20:34
 Operator : SY/MD
 Sample : K4958-17
 Misc : 4.64G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 08:25:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	611583	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	555571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193271	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203278	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
7) Chloroethane-d5	1.58	69	186956	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
10) 1,1-Dichloroethene-d2	2.13	63	273731	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.40%
20) 2-Butanone-d5	3.95	46	105537	32.21	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.42%
24) Chloroform-d	4.40	84	403116	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.08	65	245207	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	5.10	84	800331	25.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.20%
33) 1,2-Dichloropropane-d6	6.12	67	267151	27.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.92%
37) Toluene-d8	7.36	98	653895	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloropropene-	7.66	79	82528	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.16%
39) 2-Hexanone-d5	8.14	63	66607	34.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	212523	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	186444	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds					Qvalue
13) Acetone	2.21	43	6293m	1.807 ug/L	
16) Methylene chloride	2.54	84	17736	1.940 ug/L	97

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

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