

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012955.D
 Acq On : 23 Sep 2019 23:47
 Operator : SY/MD
 Sample : K4984-10
 Misc : 4.88G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDL4

Quant Time: Sep 24 09:10:45 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	764403	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	754811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	356430	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	238552	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
7) Chloroethane-d5	1.58	69	214709	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
10) 1,1-Dichloroethene-d2	2.13	63	310843	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	3.93	46	180400	44.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.10%
24) Chloroform-d	4.40	84	480902	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	285588	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	5.10	84	1006620	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	6.12	67	329131	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	7.36	98	895312	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	7.66	79	126138	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	8.13	63	131486	49.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	279993	22.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	348325	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
13) Acetone	2.19	43	7028	1.615 ug/L	94
16) Methylene chloride	2.54	84	46489	4.069 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	12393	1.107 ug/L	87
47) Tetrachloroethene	8.02	164	229176	24.091 ug/L	98

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

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