

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012954.D
 Acq On : 23 Sep 2019 23:20
 Operator : SY/MD
 Sample : K4984-07
 Misc : 4.61G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDL1

Quant Time: Sep 24 09:06:38 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	838131	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	787142	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	329287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	254463	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
7) Chloroethane-d5	1.58	69	221936	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
10) 1,1-Dichloroethene-d2	2.13	63	334243	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	3.95	46	183940	40.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.92%
24) Chloroform-d	4.40	84	514534	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	303433	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	5.10	84	1072291	24.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.60%
33) 1,2-Dichloropropane-d6	6.12	67	342124	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.36%
37) Toluene-d8	7.36	98	943956	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	7.66	79	130035	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	8.14	63	133689	48.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	288729	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	320767	25.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.28%

Target Compounds

					Ovalue
13) Acetone	2.21	43	20977	4.395	ug/L 95
16) Methylene chloride	2.54	84	39016	3.114	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	19942	1.625	ug/L 97
35) Trichloroethene	5.96	95	10583	0.867	ug/L 96
47) Tetrachloroethene	8.02	164	585685	59.039	ug/L 99

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

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