

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092619\
 Data File : VV012994.D
 Acq On : 26 Sep 2019 12:41
 Operator : SY/MD
 Sample : K4988-06MS
 Misc : 5.44G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY8MS

Quant Time: Sep 27 03:44:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	659095	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	626823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	298763	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	201297	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.72%
7) Chloroethane-d5	1.58	69	160056	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
10) 1,1-Dichloroethene-d2	2.13	63	370054	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.04%
20) 2-Butanone-d5	3.95	46	118553	33.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.14%
24) Chloroform-d	4.40	84	397279	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.08	65	243186	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.44%
29) Benzene-d6	5.10	84	807615	23.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.32%
33) 1,2-Dichloropropane-d6	6.11	67	269002	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	7.36	98	682396	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.92%
38) trans-1,3-Dichloropropene-	7.66	79	95250	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	8.14	63	87595	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	240370	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	249829	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	193068	25.913	ug/L	98
13) Acetone	2.21	43	7528	2.006	ug/L	94
16) Methylene chloride	2.54	84	26936	2.734	ug/L	97
34) Benzene	5.15	78	908867	26.048	ug/L	100
35) Trichloroethene	5.96	95	219174	22.549	ug/L	99
44) Toluene	7.43	91	920856	25.024	ug/L	99
52) Chlorobenzene	8.92	112	590868	23.267	ug/L	100

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

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