

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100919\
 Data File : VV013074.D
 Acq On : 09 Oct 2019 14:44
 Operator : SY/MD
 Sample : K5265-03MSD
 Misc : 4.50G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAR1MSD

Quant Time: Oct 10 08:35:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 07:47:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	210162	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	169986	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46491	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60843	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.64%
7) Chloroethane-d5	1.58	69	61766	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	2.13	63	123502	22.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.12%
20) 2-Butanone-d5	3.95	46	41774	37.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.20%
24) Chloroform-d	4.40	84	136380	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.08	65	75396	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	5.10	84	250694	26.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.64%
33) 1,2-Dichloropropane-d6	6.12	67	84677	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.84%
37) Toluene-d8	7.36	98	185687	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.20%
38) trans-1,3-Dichloropropene-	7.66	79	25121	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.76%
39) 2-Hexanone-d5	8.14	63	22025	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63654	22.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	43689	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	71733	30.194 ug/L	87
13) Acetone	2.20	43	2890	2.415 ug/L	96
16) Methylene chloride	2.54	84	6364	2.026 ug/L	94
34) Benzene	5.15	78	326058	34.459 ug/L	100
35) Trichloroethene	5.96	95	76071	28.860 ug/L	99
44) Toluene	7.43	91	288737	28.933 ug/L	99
52) Chlorobenzene	8.92	112	169257	24.577 ug/L	98

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

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