

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
 Data File : VV009491.D
 Acq On : 05 Mar 2019 17:55
 Operator : SY/MD
 Sample : K1657-12
 Misc : 5.18G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB657

Quant Time: Mar 06 04:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 06 04:12:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165466	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76131	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45774	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	1.58	69	74494	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.44%
10) 1,1-Dichloroethene-d2	2.13	63	88096	17.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.00%
20) 2-Butanone-d5	3.95	46	24263	35.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.50%
24) Chloroform-d	4.40	84	85225	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.08	65	52021	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	5.10	84	181326	22.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.56%
33) 1,2-Dichloropropane-d6	6.12	67	54514	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.20%
37) Toluene-d8	7.36	98	177705	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.00%
38) trans-1,3-Dichloropropene-	7.66	79	24801	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	8.14	63	20550	36.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50597	19.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	63057	22.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.76%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	3448	1.588 ug/L	92

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

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