

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009032.D
 Acq On : 19 Dec 2018 00:28
 Operator : SY/MD
 Sample : J6419-01
 Misc : 4.54G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF008

Quant Time: Dec 19 07:46:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237316	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199585	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71577	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52252	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	1.58	69	49441	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
10) 1,1-Dichloroethene-d2	2.13	63	105458	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	3.94	46	28690	32.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.18%
24) Chloroform-d	4.40	84	140763	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.08	65	87125	27.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.92%
29) Benzene-d6	5.10	84	279046	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	6.12	67	86619	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.04%
37) Toluene-d8	7.36	98	240762	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	7.67	79	26667	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.80%
39) 2-Hexanone-d5	8.14	63	15870	27.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61709	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	63573	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds					Ovalue
13) Acetone	2.20	43	7554	5.734 ug/L	92

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

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