

Data File : VV009950.D
Acq On : 28 Mar 2019 02:06
Operator : SY/MD
Sample : K2101-13
Misc : 4.78G/10mL/MSVOA_V/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 28 08:24:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114036	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43603	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49276	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
7) Chloroethane-d5	1.55	69	59643	23.86	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	2.11	63	51007	8.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.24%#
20) 2-Butanone-d5	3.92	46	35499	82.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.64%#
24) Chloroform-d	4.39	84	62205	21.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.07	65	48754	27.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.52%
29) Benzene-d6	5.09	84	145622	24.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.96%
33) 1,2-Dichloropropane-d6	6.11	67	46147	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	7.36	98	118946	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.24%
38) trans-1,3-Dichloropropene-	7.66	79	13643	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.24%
39) 2-Hexanone-d5	8.13	63	24572	77.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.42%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47531	28.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	39307	23.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.72%

Target Compounds

						Qvalue
13) Acetone	2.19	43	2842	4.353	ug/L	67
16) Methylene chloride	2.53	84	3615	1.925	ug/L	91
22) cis-1,2-Dichloroethene	3.95	96	3494	2.118	ug/L	97
25) Chloroform	4.42	83	9640	3.191	ug/L #	54
35) Trichloroethene	5.96	95	2571m	1.599	ug/L	
47) Tetrachloroethene	8.02	164	48562	38.285	ug/L	96

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

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