

Data File : VV014641.D
Acq On : 20 Feb 2020 22:05
Operator : SY/MD
Sample : L1607-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 21 06:10:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	118684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58360	57.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.38%
7) Chloroethane-d5	1.59	69	39652	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.48%
11) 1,1-Dichloroethene-d2	2.13	63	72967	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
21) 2-Butanone-d5	3.93	46	84929	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.40	84	148595	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
26) 1,2-Dichloroethane-d4	5.08	65	98244	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.10	84	311110	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
36) 1,2-Dichloropropane-d6	6.12	67	96280	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.42%
41) Toluene-d8	7.35	98	292479	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
43) trans-1,3-Dichloropropene-	7.66	79	49234	50.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.48%
47) 2-Hexanone-d5	8.13	63	71114	101.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.13%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	120641	50.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	111990	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10690	12.301	ug/L	96
13) Acetone	2.20	43	2408	3.346	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	8541m	4.636	ug/L	
25) Chloroform	4.42	83	11749	3.800	ug/L	92
30) 1,1,1-Trichloroethane	4.66	97	25590	9.628	ug/L	99
31) Carbon tetrachloride	4.88	117	2435	1.015	ug/L	88
34) Trichloroethene	5.98	95	12007602	6936.940	ug/L	97
42) Toluene	7.43	91	4759	0.680	ug/L	91
45) 1,1,2-Trichloroethane	7.88	97	6998	4.277	ug/L	93
46) Tetrachloroethene	8.02	164	2641	1.940	ug/L	97

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

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