

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014626.D
 Acq On : 20 Feb 2020 16:13
 Operator : SY/MD
 Sample : L1607-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN5

Quant Time: Feb 21 04:14:37 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	263394	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	240868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	118683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54286	53.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.34%
7) Chloroethane-d5	1.58	69	39903	56.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.18%
11) 1,1-Dichloroethene-d2	2.13	63	75866	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
21) 2-Butanone-d5	3.93	46	93490	111.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.46%
24) Chloroform-d	4.40	84	153929	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	5.08	65	104132	56.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.82%
32) Benzene-d6	5.10	84	328788	57.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.16%
36) 1,2-Dichloropropane-d6	6.12	67	100303	57.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.62%
41) Toluene-d8	7.35	98	307073	55.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.82%
43) trans-1,3-Dichloropropene-	7.66	79	52170	54.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.06%
47) 2-Hexanone-d5	8.13	63	77070	111.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.17%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	129266	54.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	120202	57.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10480	12.060	ug/L	97
13) Acetone	2.19	43	1739	2.417	ug/L	81
20) cis-1,2-Dichloroethene	3.96	96	36350	19.731	ug/L	98
25) Chloroform	4.42	83	11981	3.875	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	35787	13.658	ug/L	99
34) Trichloroethene	5.97	95	10402821	6095.793	ug/L	97
42) Toluene	7.43	91	7240	1.050	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	2247	1.393	ug/L	84
46) Tetrachloroethene	8.02	164	2032	1.514	ug/L	91

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

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