

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014696.D
 Acq On : 24 Feb 2020 13:56
 Operator : SY/MD
 Sample : L1607-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP9

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 1:30:19 PM

Quant Time: Feb 25 07:31:03 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Feb 25 06:37:27 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	206999	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	195319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27022	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.84%
7) Chloroethane-d5	1.59	69	24106	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.28%
11) 1,1-Dichloroethene-d2	2.13	63	49587	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	3.95	46	78038m	103.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.85%
24) Chloroform-d	4.40	84	121847	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.08	65	85610	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.10	84	242514	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
36) 1,2-Dichloropropane-d6	6.12	67	71879	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.36	98	224573	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	39659	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.13	63	57801	95.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.67%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103455	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	92491	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

				Ovalue
12) 1,1-Dichloroethene	2.14	96	2353	3.729 ug/L # 1
20) cis-1,2-Dichloroethene	3.96	96	49341	34.718 ug/L 98
25) Chloroform	4.43	83	6354	2.477 ug/L 93
30) 1,1,1-Trichloroethane	4.66	97	11948	5.260 ug/L 98
34) Trichloroethene	5.95	95	289795	197.636 ug/L 99

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

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