

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018700.D
 Acq On : 06 Oct 2020 20:00
 Operator : SY/MD
 Sample : L4287-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH8

Quant Time: Oct 07 07:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106421	65.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.10%
7) Chloroethane-d5	1.58	69	72737	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.36%
11) 1,1-Dichloroethene-d2	2.12	63	154261	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
21) 2-Butanone-d5	3.93	46	144676	119.46	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.46%
24) Chloroform-d	4.38	84	186622	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	5.06	65	125141	56.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.30%
32) Benzene-d6	5.07	84	367661	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
36) 1,2-Dichloropropane-d6	6.09	67	118979	56.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.88%
41) Toluene-d8	7.34	98	328766	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%
43) trans-1,3-Dichloropropene-	7.64	79	57063	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.12%
47) 2-Hexanone-d5	8.11	63	77351	97.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	110286	39.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	115621	55.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.50%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	3326629	1570.949	ug/L 99
8) Chloroethane	1.60	64	8415	6.449	ug/L 97
12) 1,1-Dichloroethene	2.14	96	42568	24.632	ug/L # 67
17) trans-1,2-Dichloroethene	2.78	96	128931	65.201	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	15587391	7417.142	ug/L 88
33) Benzene	5.13	78	8628	1.076	ug/L 100
34) Trichloroethene	5.94	95	1217854	523.039	ug/L 96
42) Toluene	7.42	91	8728	1.006	ug/L 93
46) Tetrachloroethene	8.00	164	2474915	1310.173	ug/L 94
53) m,p-Xylene	9.17	106	3664	0.978	ug/L 99
54) o-xylene	9.57	106	11272	3.179	ug/L 84
58) 1,1,2,2-Tetrachloroethane	10.26	83	8127	2.830	ug/L # 85

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

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