

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018715.D
 Acq On : 07 Oct 2020 01:55
 Operator : SY/MD
 Sample : L4287-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ6

Quant Time: Oct 07 08:41:48 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	281126	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94884	57.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.10%
7) Chloroethane-d5	1.58	69	62756	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.12	63	161489	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.14%
21) 2-Butanone-d5	3.92	46	123035	100.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	4.38	84	156984	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
26) 1,2-Dichloroethane-d4	5.06	65	109967	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.07	84	301385	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
36) 1,2-Dichloropropane-d6	6.09	67	101631	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.60%
41) Toluene-d8	7.34	98	268238	39.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.50%#
43) trans-1,3-Dichloropropene-	7.64	79	46298	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
47) 2-Hexanone-d5	8.11	63	71442	85.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	117538	40.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	113167	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2566400	1193.435	ug/L	99
12) 1,1-Dichloroethene	2.13	96	72725	41.440	ug/L	97
13) Acetone	2.18	43	4993	4.699	ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	652733	325.051	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	12201561	5717.358	ug/L	87
34) Trichloroethene	5.94	95	6587362	2693.124	ug/L	91
42) Toluene	7.41	91	26106	2.864	ug/L	100
45) 1,1,2-Trichloroethane	7.87	97	1649	0.771	ug/L	80
46) Tetrachloroethene	8.00	164	3515317	1771.490	ug/L	93
58) 1,1,2,2-Tetrachloroethane	10.26	83	12699	4.210	ug/L	98

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

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