

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015234.D
 Acq On : 28 Mar 2020 08:47
 Operator : SY/MD
 Sample : L1976-23
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTL3

Quant Time: Mar 30 01:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	620846	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	585265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	244861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136315	54.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.22%
7) Chloroethane-d5	1.58	69	132088	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.84%
11) 1,1-Dichloroethene-d2	2.12	63	237696	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.46%
21) 2-Butanone-d5	3.93	46	210656	70.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.59%
24) Chloroform-d	4.38	84	281552	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
26) 1,2-Dichloroethane-d4	5.06	65	186833	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.08	84	516737	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
36) 1,2-Dichloropropane-d6	6.10	67	171962	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.10%
41) Toluene-d8	7.34	98	467674	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.64	79	84073	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.12	63	171993	77.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	262157	38.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	176313	42.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	692741	125.410	ug/L	98
12) 1,1-Dichloroethene	2.13	96	65772	14.189	ug/L #	55
17) trans-1,2-Dichloroethene	2.78	96	15726	3.931	ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	3351241	701.107	ug/L #	98
25) Chloroform	4.41	83	5983	0.751	ug/L	99
34) Trichloroethene	5.94	95	839346	190.967	ug/L	96
51) Chlorobenzene	8.90	112	18330	1.552	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	13937	1.819	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	10292	1.317	ug/L	89
68) 1,2,4-trichlorobenzene	13.29	180	3835	0.852	ug/L #	88

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

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