

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017953.D
 Acq On : 13 Aug 2020 02:30
 Operator : SY/MD
 Sample : L3644-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L75

Quant Time: Aug 13 06:54:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247120	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84584	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.72%
7) Chloroethane-d5	1.58	69	71620	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.86%
11) 1,1-Dichloroethene-d2	2.12	63	139918	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
21) 2-Butanone-d5	3.91	46	124142	100.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.53%
24) Chloroform-d	4.38	84	156247	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.06	65	110146	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
32) Benzene-d6	5.08	84	319884	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
36) 1,2-Dichloropropane-d6	6.09	67	107344	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.34	98	282494	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.64	79	45193	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.11	63	66179	94.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132216	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	113974	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	513130	233.686	ug/L	100
8) Chloroethane	1.60	64	26699	19.050	ug/L	96
12) 1,1-Dichloroethene	2.13	96	30570	18.442	ug/L #	41
17) trans-1,2-Dichloroethene	2.78	96	23841	13.991	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	2021845	1079.741	ug/L	100
25) Chloroform	4.40	83	6628	1.897	ug/L	97
34) Trichloroethene	5.94	95	1247760	630.582	ug/L	99
46) Tetrachloroethene	8.00	164	1431291	986.284	ug/L	99

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

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