

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017951.D
 Acq On : 13 Aug 2020 01:43
 Operator : SY/MD
 Sample : L3665-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L28

Quant Time: Aug 13 06:46:40 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	238648	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	235144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89671	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.50%
7) Chloroethane-d5	1.58	69	71686	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	2.12	63	161317	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.64%
21) 2-Butanone-d5	3.91	46	122831	102.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.99%
24) Chloroform-d	4.38	84	154075	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.06	65	109247	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.08	84	318067	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.09	67	105850	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.92%
41) Toluene-d8	7.34	98	279282	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%
43) trans-1,3-Dichloropropene-	7.64	79	44585	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
47) 2-Hexanone-d5	8.11	63	60586	89.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130214	47.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	113104	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	1144422	539.686	ug/L 99
8) Chloroethane	1.60	64	90573	66.920	ug/L 100
12) 1,1-Dichloroethene	2.13	96	70426	43.993	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	63200	38.406	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	2885511	1595.675	ug/L 99
25) Chloroform	4.40	83	5499	1.629	ug/L 88
34) Trichloroethene	5.94	95	1083023	563.198	ug/L 99
46) Tetrachloroethene	8.00	164	20862	14.793	ug/L 98

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

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