

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV071721.D
 Acq On : 17 Jul 2020 13:35
 Operator : SY/MD
 Sample : L3314-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C26

Quant Time: Jul 18 05:38:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291495	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72436	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.46%
7) Chloroethane-d5	1.58	69	62738	58.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.70%
11) 1,1-Dichloroethene-d2	2.13	63	611122	177.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	355.72%#
21) 2-Butanone-d5	3.91	46	96979	93.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	4.38	84	157709	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
26) 1,2-Dichloroethane-d4	5.06	65	114726	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
32) Benzene-d6	5.07	84	280760	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
36) 1,2-Dichloropropane-d6	6.09	67	96096	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.66%
41) Toluene-d8	7.34	98	262835	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	7.64	79	46098	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.11	63	73866	101.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115122	46.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	113982	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	19917	10.289	ug/L	85
12) 1,1-Dichloroethene	2.13	96	835445	477.173	ug/L #	66
19) 1,1-Dichloroethane	3.21	63	13937	3.981	ug/L	92
20) cis-1,2-Dichloroethene	3.95	96	4474	2.193	ug/L	89
34) Trichloroethene	5.94	95	419556	187.999	ug/L	97
45) 1,1,2-Trichloroethane	7.87	97	2081	1.043	ug/L	92

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

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