

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018550.D
 Acq On : 30 Sep 2020 04:54
 Operator : SY/MD
 Sample : L4165-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8

Quant Time: Sep 30 06:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352842	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345496	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88986	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	86645	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.28%
11) 1,1-Dichloroethene-d2	2.12	63	151501	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	3.92	46	150908	97.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.77%
24) Chloroform-d	4.38	84	203587	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	136454	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.07	84	409786	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
36) 1,2-Dichloropropane-d6	6.10	67	131611	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.34	98	377680	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.64	79	62276	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
47) 2-Hexanone-d5	8.11	63	96353	95.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167808	47.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	166057	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	29290	10.852	ug/L	95
12) 1,1-Dichloroethene	2.13	96	8142	3.697	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	16867	6.692	ug/L	97
19) 1,1-Dichloroethane	3.22	63	3955	0.896	ug/L #	92
20) cis-1,2-Dichloroethene	3.94	96	746033	278.522	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	7509	1.751	ug/L #	68
34) Trichloroethene	5.94	95	5183628	1759.088	ug/L	97
46) Tetrachloroethene	8.00	164	2326556	973.188	ug/L	98

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

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