

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018754.D
 Acq On : 08 Oct 2020 01:42
 Operator : SY/MD
 Sample : L4284-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 08:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	321970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159162	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67770	40.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.42%
7) Chloroethane-d5	1.58	69	61026	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.58%
11) 1,1-Dichloroethene-d2	2.13	63	148014	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
21) 2-Butanone-d5	3.91	46	96778	76.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.97%
24) Chloroform-d	4.38	84	150858	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
26) 1,2-Dichloroethane-d4	5.06	65	107063	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
32) Benzene-d6	5.08	84	287685	35.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.56%
36) 1,2-Dichloropropane-d6	6.10	67	93427	37.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.82%
41) Toluene-d8	7.34	98	272616	35.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.06%#
43) trans-1,3-Dichloropropene-	7.65	79	46531	34.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.92%
47) 2-Hexanone-d5	8.14	63	51739m	55.28	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	55.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139045	42.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	127796	41.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	15145	6.889	ug/L	93
12) 1,1-Dichloroethene	2.13	96	62098	34.612	ug/L #	80
17) trans-1,2-Dichloroethene	2.78	96	3398	1.655	ug/L	93
18) Methyl tert-butyl Ether	2.79	73	44439	7.105	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	48003	22.002	ug/L	93
33) Benzene	5.13	78	10457	1.106	ug/L	100
34) Trichloroethene	5.94	95	5154063	1876.856	ug/L	92
46) Tetrachloroethene	8.03	164	68454347m	30726.404	ug/L	
53) m,p-Xylene	9.17	106	4915	1.113	ug/L	83
63) 1,4-Dichlorobenzene	11.30	146	9111	1.718	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	10557	2.072	ug/L	94

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

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