

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016970.D
 Acq On : 18 Jun 2020 11:41
 Operator : SY/MD
 Sample : L3039-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 05:07:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351302	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98519	39.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.48%
7) Chloroethane-d5	1.58	69	69467	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	146012	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	3.90	46	165786	90.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	4.38	84	222481	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.06	65	164098	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.07	84	448574	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.09	67	138541	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.92%
41) Toluene-d8	7.34	98	416476	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%
43) trans-1,3-Dichloropropene-	7.64	79	72395	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.22%
47) 2-Hexanone-d5	8.11	63	98590	74.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182415	45.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	181400	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	743762	296.944	ug/L	99
8) Chloroethane	1.60	64	2319	1.874	ug/L	94
14) Carbon disulfide	2.31	76	9127	1.446	ug/L #	85
17) trans-1,2-Dichloroethene	2.78	96	7727	3.250	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	905973m	349.560	ug/L	
25) Chloroform	4.41	83	15095	3.282	ug/L	90
34) Trichloroethene	5.94	95	5662	2.104	ug/L	94
42) Toluene	7.41	91	10228	0.967	ug/L	91
46) Tetrachloroethene	7.99	164	2246m	1.061	ug/L	
51) Chlorobenzene	8.90	112	4486	0.650	ug/L	95
53) m,p-Xylene	9.17	106	6761	1.550	ug/L	88
54) o-xylene	9.57	106	2386	0.555	ug/L	87

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

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