

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016446.D
 Acq On : 02 Jun 2020 23:06
 Operator : SY/MD
 Sample : L2843-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:39:54 PM

Quant Time: Jun 03 04:10:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	385214	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	366555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133590	48.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.92%
7) Chloroethane-d5	1.58	69	93395	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	2.13	63	182403	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	3.91	46	190272	109.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.06%
24) Chloroform-d	4.38	84	238775	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
26) 1,2-Dichloroethane-d4	5.06	65	174252	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.08	84	499517	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.10	67	156117	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.34	98	443868	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.64	79	68762	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.11	63	137237	104.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202720	48.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	170907	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	73675	24.900	ug/L	98
12) 1,1-Dichloroethene	2.14	96	4468	2.089	ug/L	# 1
13) Acetone	2.19	43	4458	2.734	ug/L	60
17) trans-1,2-Dichloroethene	2.78	96	10464	3.878	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	1629910m	559.691	ug/L	
25) Chloroform	4.41	83	14842	2.837	ug/L	100
34) Trichloroethene	5.94	95	6053267	2139.950	ug/L	98
42) Toluene	7.41	91	30398	2.661	ug/L	97
46) Tetrachloroethene	8.00	164	2053	0.941	ug/L	89
51) Chlorobenzene	8.90	112	7169	0.955	ug/L	92

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

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