

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016443.D
 Acq On : 02 Jun 2020 21:58
 Operator : SY/MD
 Sample : L2843-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: Jun 03 03:20:15 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	394848	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	376683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179107	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133260	47.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.30%
7) Chloroethane-d5	1.58	69	94718	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.82%
11) 1,1-Dichloroethene-d2	2.13	63	184403	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	3.91	46	189175	105.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.79%
24) Chloroform-d	4.38	84	234222	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
26) 1,2-Dichloroethane-d4	5.06	65	168952	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
32) Benzene-d6	5.08	84	495859	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.10	67	153430	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.60%
41) Toluene-d8	7.34	98	441318	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.64	79	68668	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.11	63	134236	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199961	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	168642	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	275881	90.965	ug/L	100
12) 1,1-Dichloroethene	2.14	96	11107	5.067	ug/L	# 1
13) Acetone	2.19	43	4509	2.698	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	19767	7.147	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	3136161	1050.643	ug/L	99
25) Chloroform	4.41	83	15350	2.863	ug/L	99
34) Trichloroethene	5.94	95	4908156	1688.478	ug/L	97
42) Toluene	7.41	91	19962	1.700	ug/L	95
45) 1,1,2-Trichloroethane	7.87	97	1806	0.647	ug/L	97
46) Tetrachloroethene	8.00	164	1992	0.889	ug/L	84
51) Chlorobenzene	8.91	112	6868	0.890	ug/L	94

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

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