

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016454.D
 Acq On : 03 Jun 2020 14:09
 Operator : SY/MD
 Sample : L2843-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:39:37 PM

Quant Time: Jun 04 02:07:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380750	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127881	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.57	69	82979	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.24%
11) 1,1-Dichloroethene-d2	2.12	63	172994	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.38%
21) 2-Butanone-d5	3.90	46	193932	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.38	84	241203	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.06	65	164245	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.08	84	484324	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.10	67	153312	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.34	98	427791	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%
43) trans-1,3-Dichloropropene-	7.64	79	66410	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.11	63	141922	110.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198750	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	168365	53.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	269960	92.309	ug/L	99
12) 1,1-Dichloroethene	2.13	96	10146	4.800	ug/L #	1
13) Acetone	2.18	43	3994	2.478	ug/L	81
17) trans-1,2-Dichloroethene	2.78	96	19474	7.301	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	3112972	1081.489	ug/L	100
25) Chloroform	4.40	83	4859m	0.940	ug/L	
34) Trichloroethene	5.94	95	4794514	1733.731	ug/L	98
42) Toluene	7.41	91	19391	1.736	ug/L	97
45) 1,1,2-Trichloroethane	7.87	97	1798	0.677	ug/L	92
46) Tetrachloroethene	8.00	164	1920	0.900	ug/L	88
51) Chlorobenzene	8.90	112	6861	0.935	ug/L	98

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

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