

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036630.D
 Acq On : 30 Jan 2020 19:59
 Operator : JC/MD
 Sample : L1326-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS8

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:50:15 AM

Quant Time: Jan 31 04:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	298832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276898	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130481	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84974	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.92%
7) Chloroethane-d5	1.93	69	77194	40.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	113087	31.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.50%
21) 2-Butanone-d5	4.68	46	151014	113.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.67%
24) Chloroform-d	5.11	84	158566	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	5.74	65	100830	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
32) Benzene-d6	5.77	84	348640	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.73	67	112829	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.98%
41) Toluene-d8	7.93	98	329490	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	8.21	79	52296	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.60%
47) 2-Hexanone-d5	8.67	63	125325	111.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	168741	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	126032	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	2284	0.943	ug/L	98
5) Vinyl chloride	1.62	62	149100	57.705	ug/L	98
13) Acetone	2.66	43	168102	130.714	ug/L	99
14) Carbon disulfide	2.82	76	62957	11.219	ug/L	99
15) Methyl Acetate	2.99	43	15108	7.514	ug/L	97
16) Methylene chloride	3.08	84	6553	2.909	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	6098	3.056	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	678139	298.999	ug/L	98
22) 2-Butanone	4.76	43	5401m	3.495	ug/L	
25) Chloroform	5.13	83	38456	10.541	ug/L	100
34) Trichloroethene	6.58	95	189447	88.905	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	2665	1.263	ug/L	93
46) Tetrachloroethene	8.58	164	1630789	942.064	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	15207	4.179	ug/L	98

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

