

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037907.D
 Acq On : 29 Apr 2020 12:15
 Operator : JC/MD
 Sample : L2395-11DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D96DL

Manual Integrations
 APPROVED

apatel
 5/4/2020 10:18:04 AM

Quant Time: Apr 30 10:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	623392	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	602437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	265585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	218936	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.38%
7) Chloroethane-d5	1.93	69	195042	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	289949	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.78%
21) 2-Butanone-d5	4.66	46	416850	96.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.59%
24) Chloroform-d	5.10	84	390556	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
26) 1,2-Dichloroethane-d4	5.74	65	282574	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.76	84	862158	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.72	67	291185	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.92	98	772953	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%
43) trans-1,3-Dichloropropene-	8.20	79	117471	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
47) 2-Hexanone-d5	8.65	63	307179	99.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	410771	51.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.62%
64) 1,2-Dichlorobenzene-d4	12.20	152	277981	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	37629	6.084	ug/L	89
12) 1,1-Dichloroethene	2.60	96	7312	1.932	ug/L	# 1
16) Methylene chloride	3.08	84	37793	8.404	ug/L	94
19) 1,1-Dichloroethane	3.91	63	25699	3.013	ug/L	90
20) cis-1,2-Dichloroethene	4.71	96	135371	29.217	ug/L	93
30) 1,1,1-Trichloroethane	5.35	97	40767	6.059	ug/L	99
34) Trichloroethene	6.57	95	107988	24.077	ug/L	97
53) m,p-Xylene	9.71	106	21320	2.638	ug/L	90
54) o-xylene	10.12	106	7267	0.919	ug/L	86

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

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