

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037880.D
 Acq On : 24 Apr 2020 18:41
 Operator : JC/MD
 Sample : L2395-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D99

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 12:02:25 PM

Quant Time: Apr 25 04:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	589760	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	583818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	209563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	238798	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.68%
7) Chloroethane-d5	1.93	69	198500	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.60	63	3828082	458.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	917.92%#
21) 2-Butanone-d5	4.67	46	418040	102.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.39%
24) Chloroform-d	5.10	84	376708	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.74	65	266632	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.76	84	816511	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.73	67	276145	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.92	98	752121	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	8.20	79	142051	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
47) 2-Hexanone-d5	8.65	63	335359	111.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	265465	34.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.10%
64) 1,2-Dichlorobenzene-d4	12.20	152	218878	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	19044	3.255 ug/L #	50
12) 1,1-Dichloroethene	2.60	96	6041102	1687.222 ug/L #	70
13) Acetone	2.66	43	7892	3.240 ug/L	92
16) Methylene chloride	3.08	84	2059966	484.178 ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	16357	4.086 ug/L	96
19) 1,1-Dichloroethane	3.91	63	304045	37.676 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	3207570	731.761 ug/L	100
25) Chloroform	5.13	83	31063	4.114 ug/L	96
27) 1,2-Dichloroethane	5.83	62	31136	4.814 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	6207336	952.050 ug/L	99
34) Trichloroethene	6.57	95	36241168m	8337.938 ug/L	
42) Toluene	7.99	91	131842	7.096 ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	120548	28.552 ug/L	98
46) Tetrachloroethene	8.58	164	6904	2.173 ug/L	91
52) Ethylbenzene	9.59	91	220784	10.612 ug/L	100
53) m,p-Xylene	9.71	106	96340	12.299 ug/L	100
54) o-xylene	10.11	106	133103	17.374 ug/L	99

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

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