

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030376.D
 Acq On : 24 Mar 2019 17:24
 Operator : JC/SP
 Sample : K2016-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0987

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 12:36:08 PM

Quant Time: Mar 25 13:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	425328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.15	117	476016	50.00	ug/L	0.07
60) 1,4-Dichlorobenzene-d4	11.53	152	297007m	50.00	ug/L	0.05

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139725	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.67	69	120001m	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.46%
11) 1,1-Dichloroethene-d2	2.27	63	211073	32.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.02%
21) 2-Butanone-d5	4.18	46	305115	94.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.82%
24) Chloroform-d	4.65	84	362924	61.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.08%
26) 1,2-Dichloroethane-d4	5.31	65	185077	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.35	84	567223	41.55	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
36) 1,2-Dichloropropane-d6	6.33	67	198443	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.98%
41) Toluene-d8	7.56	98	513549	41.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.78%
43) trans-1,3-Dichloropropene-	7.85	79	85071	38.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.48%
47) 2-Hexanone-d5	8.31	63	208317	82.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293086	43.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.70%
64) 1,2-Dichlorobenzene-d4	11.92	152	295004	49.57	ug/L	0.06
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	144973	44.550	ug/L	100
16) Methylene chloride	2.70	84	5784	1.612	ug/L	95
25) Chloroform	4.67	83	2351785	377.637	ug/L	99
29) Cyclohexane	5.00	56	65977	9.159	ug/L	98
31) Carbon tetrachloride	5.13	117	750189	151.849	ug/L	98
33) Benzene	5.38	78	46027419m	2840.484	ug/L	
34) Trichloroethene	6.19	95	9812	2.463	ug/L	92
35) Methylcyclohexane	6.41	83	24816	3.786	ug/L #	85
38) Bromodichloromethane	6.76	83	24950	4.566	ug/L	98
42) Toluene	7.64	91	56542	3.362	ug/L	99
46) Tetrachloroethene	8.23	164	6448	2.318	ug/L	91
49) Dibromochloromethane	8.48	129	7842	1.942	ug/L	95
51) Chlorobenzene	9.11	112	66304540m	6505.420	ug/L	
62) 1,3-Dichlorobenzene	11.43	146	19524282m	2010.133	ug/L	
63) 1,4-Dichlorobenzene	11.51	146	43173811m	4317.722	ug/L	
65) 1,2-Dichlorobenzene	11.88	146	47033989m	4788.973	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	18886	2.597	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.51	180	22450723m	3553.517	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	8344655	1250.810	ug/L	100

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

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