

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026735.D
 Acq On : 13 Sep 2018 19:03
 Operator : MD/SY
 Sample : J4893-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K6

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 1:55:29 PM

Quant Time: Sep 15 01:41:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.11	117	204196	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.49	152	115886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61946	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.96%
7) Chloroethane-d5	1.68	69	50774	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.42%
11) 1,1-Dichloroethene-d2	2.27	63	84601	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.84%
21) 2-Butanone-d5	4.18	46	83773	92.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.31%
24) Chloroform-d	4.65	84	100027	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
26) 1,2-Dichloroethane-d4	5.31	65	68193	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.94%
32) Benzene-d6	5.35	84	214879	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.32%
36) 1,2-Dichloropropane-d6	6.33	67	71253	40.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.36%
41) Toluene-d8	7.57	98	195400	39.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.80%#
43) trans-1,3-Dichloropropene-	7.85	79	31458	38.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.30%
47) 2-Hexanone-d5	8.31	63	61870	85.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94293	38.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.66%
64) 1,2-Dichlorobenzene-d4	11.87	152	99608	43.12	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	2242	2.169	ug/L	94
18) Methyl tert-butyl Ether	3.00	73	2493	0.662	ug/L	99
25) Chloroform	4.67	83	12789	5.366	ug/L	97
27) 1,2-Dichloroethane	5.40	62	234904	124.127	ug/L #	75
29) Cyclohexane	5.00	56	4207	1.881	ug/L	99
31) Carbon tetrachloride	5.14	117	25590	13.088	ug/L	99
33) Benzene	5.39	78	22781351m	3983.987	ug/L	
34) Trichloroethene	6.19	95	1142	0.803	ug/L	85
42) Toluene	7.64	91	3554	0.600	ug/L	98
46) Tetrachloroethene	8.23	164	2891	2.420	ug/L	95
51) Chlorobenzene	9.13	112	24026369m	6173.998	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1030068	309.564	ug/L	99
63) 1,4-Dichlorobenzene	11.52	146	15922988m	4517.179	ug/L	
65) 1,2-Dichlorobenzene	11.89	146	15540876m	4419.141	ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	1828388	797.006	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	322439	129.756	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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