

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026018.D
 Acq On : 10 Aug 2018 00:30
 Operator : MD/SY
 Sample : J4401-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE0

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 4:08:57 PM

Quant Time: Aug 10 08:10:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	289073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124065	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76619	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.52%
7) Chloroethane-d5	1.68	69	69107	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.50%
11) 1,1-Dichloroethene-d2	2.27	63	116151	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	4.18	46	152235	86.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.44%
24) Chloroform-d	4.65	84	189345	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	5.31	65	129729	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.35	84	359085	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
36) 1,2-Dichloropropane-d6	6.33	67	119342	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.00%
41) Toluene-d8	7.57	98	321107	39.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.18%#
43) trans-1,3-Dichloropropene-	7.85	79	54083	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.31	63	107497	86.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170914	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	138395	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%

Target Compounds

						Ovalue
13) Acetone	2.32	43	19653	17.96	ug/L	95
22) 2-Butanone	4.28	43	5703m	3.60	ug/L	
51) Chlorobenzene	9.12	112	480968	86.42	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	18311	4.74	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	154612	38.19	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	244330	59.43	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	144449	50.04	ug/L	99
68) 1,2,4-Trichlorobenzene	13.51	180	144449	59.17	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	39730	15.14	ug/L	99

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

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