

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027495.D
 Acq On : 08 Oct 2018 13:19
 Operator : MD/SY
 Sample : J5250-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:55 AM

Quant Time: Oct 09 09:04:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 04:55:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	194796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66371	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.68	69	55002	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.14%
11) 1,1-Dichloroethene-d2	2.27	63	99535	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.18	46	136188	110.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.05%
24) Chloroform-d	4.65	84	124077	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.31	65	87250	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.34	84	251851	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.33	67	90179	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.57	98	211122	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.85	79	40444	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.31	63	94378	103.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117026	49.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	83539m	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%

Target Compounds

					Ovalue
13) Acetone	2.32	43	33672	33.173 ug/L	99
33) Benzene	5.40	78	7054	1.170 ug/L	100
51) Chlorobenzene	9.12	112	165642	43.323 ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	16425	5.987 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	177527	62.033 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	724734	259.490 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	121837	62.502 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	82277	41.506 ug/L	100

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

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