

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028866.D
 Acq On : 21 Dec 2018 12:08
 Operator : MD/SY
 Sample : J6468-09ME
 Misc : 3.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JG7ME

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 11:20:28 AM

Quant Time: Dec 21 23:54:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 23:27:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93928	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48250	29.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.40%#
7) Chloroethane-d5	1.64	69	29156	22.84	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.68%#
11) 1,1-Dichloroethene-d2	2.22	63	63883m	22.99	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.98%#
21) 2-Butanone-d5	4.20	46	95965	82.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.88%
24) Chloroform-d	4.64	84	93256	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.76%
26) 1,2-Dichloroethane-d4	5.30	65	59251	36.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.98%
32) Benzene-d6	5.33	84	196134	34.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.92%#
36) 1,2-Dichloropropane-d6	6.33	67	69623	36.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.02%
41) Toluene-d8	7.56	98	169523	32.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.74%#
43) trans-1,3-Dichloropropene-	7.85	79	31009	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
47) 2-Hexanone-d5	8.32	63	82101	89.41	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.41%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	113377	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	71947	37.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.74%#

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	8022	4.945 ug/L	99
34) Trichloroethene	6.18	95	8488	5.482 ug/L	97
46) Tetrachloroethene	8.22	164	7156	6.001 ug/L	96

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

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