

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026337.D
 Acq On : 24 Aug 2018 16:38
 Operator : MD/SY
 Sample : J4624-04ME
 Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E4430ME

Manual Integrations
 APPROVED

apatel
 8/31/2018 8:16:29 AM

Quant Time: Aug 31 01:50:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 02:29:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328384	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77437	38.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.32%
7) Chloroethane-d5	1.64	69	48208	29.52	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.04%#
11) 1,1-Dichloroethene-d2	2.23	63	117092m	29.74	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.48%#
21) 2-Butanone-d5	4.19	46	129681	81.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.12%
24) Chloroform-d	4.64	84	182622	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.82%
26) 1,2-Dichloroethane-d4	5.31	65	122779	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.34	84	353429	39.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.66%
36) 1,2-Dichloropropane-d6	6.33	67	114355	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.28%
41) Toluene-d8	7.57	98	321794	37.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.94%#
43) trans-1,3-Dichloropropene-	7.85	79	57298	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.88%
47) 2-Hexanone-d5	8.32	63	106704	86.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	182105	42.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	157783	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	14507	6.169 ug/L	96
34) Trichloroethene	6.18	95	17402	7.187 ug/L	94
46) Tetrachloroethene	8.23	164	182060	87.383 ug/L	98

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

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