

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041119\
 Data File : VU031029.D
 Acq On : 10 Apr 2019 22:15
 Operator : JC/SP
 Sample : K2254-07ME
 Misc : 5.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC28ME

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:44:34 PM

Quant Time: Apr 19 22:54:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	454379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125758	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.00%
7) Chloroethane-d5	1.64	69	109720m	35.64	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.28%
11) 1,1-Dichloroethene-d2	2.24	63	198249	27.02	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.04%#
21) 2-Butanone-d5	4.19	46	332239	103.35	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.35%
24) Chloroform-d	4.64	84	263803	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.30	65	197780	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.33	84	533861	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
36) 1,2-Dichloropropane-d6	6.32	67	192443	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.92%
41) Toluene-d8	7.56	98	454495	38.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.64%#
43) trans-1,3-Dichloropropene-	7.85	79	84903	40.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.20%
47) 2-Hexanone-d5	8.32	63	214317	102.25	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317877	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	211246	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.98	56	10272m	1.572	ug/L	
35) Methylcyclohexane	6.40	83	11624	2.047	ug/L	# 82
52) Ethylbenzene	9.25	91	161033	9.648	ug/L	100
53) m,p-Xylene	9.38	106	30648	5.265	ug/L	98
54) o-xylene	9.78	106	24093	4.161	ug/L	94
56) Isopropylbenzene	10.17	105	29780	1.953	ug/L	98

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

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