

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030245.D
 Acq On : 20 Mar 2019 23:58
 Operator : JC/SP
 Sample : K2017-02
 Misc : 6.42g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D5

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 12:14:51 PM

Quant Time: Mar 22 03:04:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	619393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	625651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	333273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140127	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.92%
7) Chloroethane-d5	1.64	69	68735m	20.52	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.04%#
11) 1,1-Dichloroethene-d2	2.23	63	210406	27.54	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.08%#
21) 2-Butanone-d5	4.19	46	286518	92.21	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.21%
24) Chloroform-d	4.64	84	309875	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	5.30	65	189935	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
32) Benzene-d6	5.33	84	665360	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
36) 1,2-Dichloropropane-d6	6.32	67	213399	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.66%
41) Toluene-d8	7.56	98	618134	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#
43) trans-1,3-Dichloropropene-	7.85	79	98752	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.32	63	258376	97.67	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	378831	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	292679	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	6.18	95	38740	8.143	ug/L	97
51) Chlorobenzene	9.12	112	22968	1.767	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	56584	5.130	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	84643	7.791	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	53982	7.346	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	7930	1.034	ug/L	92

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

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