

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030247.D
 Acq On : 21 Mar 2019 00:44
 Operator : JC/SP
 Sample : K2017-04
 Misc : 6.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D7

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 12:14:59 PM

Quant Time: Mar 22 03:11:22 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	575233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	571491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	303581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131699	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.72%
7) Chloroethane-d5	1.64	69	64507	20.74	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.48%#
11) 1,1-Dichloroethene-d2	2.22	63	189907	26.76	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.52%#
21) 2-Butanone-d5	4.19	46	254571	88.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	4.64	84	282252	39.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.08%
26) 1,2-Dichloroethane-d4	5.30	65	170455	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
32) Benzene-d6	5.33	84	604325	40.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
36) 1,2-Dichloropropane-d6	6.32	67	194733	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.58%
41) Toluene-d8	7.56	98	548456	38.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.46%#
43) trans-1,3-Dichloropropene-	7.85	79	85814	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
47) 2-Hexanone-d5	8.32	63	228009	94.36	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332074	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	259115	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	6.18	95	29199	6.719	ug/L	99
51) Chlorobenzene	9.12	112	12197	1.027	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	31065	3.092	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	41717	4.216	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	22463m	3.356	ug/L	

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

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