

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030037.D
 Acq On : 13 Mar 2019 18:17
 Operator : JC/SP
 Sample : K1838-18
 Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF180

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 9:25:32 AM

Quant Time: Mar 14 04:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 03:50:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	542505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	541131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	286713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120273	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.04%
7) Chloroethane-d5	1.64	69	57850	19.97	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.94%#
11) 1,1-Dichloroethene-d2	2.23	63	169607m	26.19	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.38%#
21) 2-Butanone-d5	4.19	46	231473	86.10	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	4.64	84	247371	38.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.86%
26) 1,2-Dichloroethane-d4	5.30	65	154536	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
32) Benzene-d6	5.33	84	528993	37.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.96%
36) 1,2-Dichloropropane-d6	6.32	67	167977	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.80%
41) Toluene-d8	7.56	98	478328	36.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.34%#
43) trans-1,3-Dichloropropene-	7.85	79	76650	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.24%
47) 2-Hexanone-d5	8.32	63	226367	94.90	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306936	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	234993	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%

Target Compounds	Qvalue

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

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