

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
 Data File : VU030904.D
 Acq On : 08 Apr 2019 14:38
 Operator : JC/SP
 Sample : K2277-20ME
 Misc : 5.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R4ME

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 11:05:41 AM

Quant Time: Apr 09 06:47:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:16:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	499740	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229677	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	160854	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.12%
7) Chloroethane-d5	1.64	69	125579m	37.09	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.18%
11) 1,1-Dichloroethene-d2	2.22	63	261288	32.38	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	4.20	46	359004	101.54	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	4.64	84	317908	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.30	65	237069	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
32) Benzene-d6	5.33	84	658122	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
36) 1,2-Dichloropropane-d6	6.32	67	236405	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.56	98	566301	43.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.06%
43) trans-1,3-Dichloropropene-	7.85	79	101899	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.32	63	257800	112.14	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	366281	53.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	228859	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	49479	12.217 ug/L	85
34) Trichloroethene	6.18	95	36767	9.111 ug/L	98
46) Tetrachloroethene	8.22	164	141554	48.250 ug/L	99

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

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