

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031379.D
 Acq On : 19 Apr 2019 23:00
 Operator : JC/SP
 Sample : K2455-08MSD
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHQ8MSD

Quant Time: Apr 20 01:59:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 23:12:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	672918	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	655997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	289235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	163629	26.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.80%#
7) Chloroethane-d5	1.68	69	124724	23.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.36%#
11) 1,1-Dichloroethene-d2	2.24	63	384772	31.34	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.68%
21) 2-Butanone-d5	4.21	46	360532	79.88	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.88%
24) Chloroform-d	4.64	84	349989	33.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.70%#
26) 1,2-Dichloroethane-d4	5.31	65	223254	35.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.12%
32) Benzene-d6	5.33	84	742018	35.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.56%
36) 1,2-Dichloropropane-d6	6.32	67	202780	30.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	60.26%#
41) Toluene-d8	7.56	98	557513	30.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.10%#
43) trans-1,3-Dichloropropene-	7.85	79	93794	29.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.30%#
47) 2-Hexanone-d5	8.34	63	271317	85.39	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	280975	30.07	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	60.14%#
64) 1,2-Dichlorobenzene-d4	11.86	152	240182	36.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.42%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.25	96	201991	38.406	ug/L	87
33) Benzene	5.38	78	912222	41.344	ug/L	100
34) Trichloroethene	6.18	95	184635	33.445	ug/L	94
42) Toluene	7.63	91	833420	37.973	ug/L	100
51) Chlorobenzene	9.12	112	620659	45.247	ug/L	97
52) Ethylbenzene	9.25	91	184139	7.707	ug/L	99
53) m,p-Xylene	9.37	106	806317	95.630	ug/L	98
54) o-xylene	9.78	106	346165	40.542	ug/L	93
55) Styrene	9.80	104	431521	29.939	ug/L	96
56) Isopropylbenzene	10.17	105	55750	2.547	ug/L #	94

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

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