

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031072.D
 Acq On : 11 Apr 2019 16:36
 Operator : JC/SP
 Sample : K2365-06
 Misc : 5.00µg/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G56

Quant Time: Apr 12 05:36:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	257762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	201704	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.38%
7) Chloroethane-d5	1.64	69	149070	45.47	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.94%
11) 1,1-Dichloroethene-d2	2.23	63	309350	39.59	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.19	46	313824	91.66	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	360349	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.22%
26) 1,2-Dichloroethane-d4	5.30	65	231163	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.33	84	700322	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.32	67	234444	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.56	98	642289	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.85	79	109657	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.14%
47) 2-Hexanone-d5	8.32	63	249453	112.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	343930	52.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	258281	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	409767	116.960	ug/L	99
16) Methylene chloride	2.68	84	444868	109.473	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	160312	45.135	ug/L	99
19) 1,1-Dichloroethane	3.42	63	231320	31.558	ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	340195	86.744	ug/L	91
23) Bromochloromethane	4.54	128	114239	61.614	ug/L	89
25) Chloroform	4.66	83	643758	87.383	ug/L	99
27) 1,2-Dichloroethane	5.40	62	419734	74.648	ug/L	100
31) Carbon tetrachloride	5.12	117	156400	30.712	ug/L	98
33) Benzene	5.38	78	2847649	179.456	ug/L	100
34) Trichloroethene	6.18	95	503768	129.438	ug/L	94
38) Bromodichloromethane	6.75	83	513211	94.679	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	970788	134.355	ug/L	97
42) Toluene	7.63	91	493137	30.445	ug/L	99
46) Tetrachloroethene	8.22	164	516977	182.705	ug/L	98
48) 2-Hexanone	8.37	43	515911	91.518	ug/L	98
49) Dibromochloromethane	8.48	129	269101	66.550	ug/L	98

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51) Chlorobenzene	9.12	112	802111	80.740	uq/L	97
52) Ethylbenzene	9.25	91	472042	26.735	uq/L	100
53) m,p-Xylene	9.38	106	509261	82.701	uq/L	99
54) o-xylene	9.78	106	323884	52.878	uq/L	99
62) 1,3-Dichlorobenzene	11.41	146	877050	107.659	uq/L	98
65) 1,2-Dichlorobenzene	11.88	146	524922	64.236	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	240255	138.302	uq/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	225925	42.718	uq/L	98

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

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