

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011320\
 Data File : VU036439.D
 Acq On : 13 Jan 2020 15:46
 Operator : JC/MD
 Sample : L1071-06
 Misc : 5.0/5.0 mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2L44

Quant Time: Jan 21 12:04:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 16:40:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	527627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	517620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	251894	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162417	39.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.00%
7) Chloroethane-d5	1.89	69	106407	30.68	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.36%#
11) 1,1-Dichloroethene-d2	2.55	63	224785	32.09	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.18%
21) 2-Butanone-d5	4.69	46	233309	76.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.20%
24) Chloroform-d	5.10	84	329234	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.74	65	231657	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.76	84	649145	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.73	67	217033	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.82%
41) Toluene-d8	7.93	98	600680	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	8.21	79	117814	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.68	63	237681	95.35	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.35%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	341346	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	12.22	152	233213	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%

Target Compounds

						Qvalue
13) Acetone	2.68	43	649180	204.43	ug/L	99
17) trans-1,2-Dichloroethene	3.37	96	422328	128.12	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	1088076	171.51	ug/L	99
33) Benzene	5.81	78	1812470	119.20	ug/L	100
34) Trichloroethene	6.57	95	761301	194.21	ug/L	98
37) 1,2-Dichloropropane	6.83	63	417258	101.34	ug/L	100
38) Bromodichloromethane	7.14	83	427774	73.64	ug/L	98
42) Toluene	8.00	91	2291952	136.89	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	314843	81.96	ug/L	97
46) Tetrachloroethene	8.58	164	260560	92.38	ug/L	98
48) 2-Hexanone	8.73	43	782234	145.30	ug/L	96
50) 1,2-Dibromoethane	8.96	107	320870	72.03	ug/L	97
51) Chlorobenzene	9.48	112	1174869	111.17	ug/L	98
52) Ethylbenzene	9.60	91	1820906	95.55	ug/L	100
53) m,p-Xylene	9.73	106	900875	127.44	ug/L	97
54) o-xylene	10.13	106	193013	27.21	ug/L	97
55) Styrene	10.14	104	1231504	102.69	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.51	105	2354257	127.35	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	625928	76.90	ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	485355	60.11	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	296183	36.32	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	364653	89.01	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	263760	61.31	ug/L	98

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

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