

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030797.D
 Acq On : 06 Apr 2019 14:00
 Operator : JC/SP
 Sample : K2299-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6W7

Quant Time: Apr 08 05:20:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489991	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	470372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214056	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.88%
7) Chloroethane-d5	1.66	69	168670	50.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.62%
11) 1,1-Dichloroethene-d2	2.26	63	438987	55.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.98%
21) 2-Butanone-d5	4.17	46	363545	104.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.87%
24) Chloroform-d	4.64	84	348042	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
26) 1,2-Dichloroethane-d4	5.30	65	237160	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.33	84	693944	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.32	67	246848	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.92%
41) Toluene-d8	7.56	98	604124	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	111011	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.46%
47) 2-Hexanone-d5	8.31	63	241597	112.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329945	51.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	216489	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	122125	28.374	ug/L	97
3) Chloromethane	1.32	50	153432	27.560	ug/L	99
5) Vinyl chloride	1.40	62	306913	56.951	ug/L	99
6) Bromomethane	1.60	94	55362	19.828	ug/L	99
8) Chloroethane	1.68	64	83307	27.103	ug/L	99
9) Trichlorofluoromethane	1.87	101	296781	47.263	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	81072	23.107	ug/L	96
12) 1,1-Dichloroethene	2.27	96	235833	69.627	ug/L	95
16) Methylene chloride	2.69	84	175043	42.542	ug/L	100
17) trans-1,2-Dichloroethene	2.97	96	77012	21.414	ug/L	99
19) 1,1-Dichloroethane	3.44	63	489864	66.004	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	163276	41.118	ug/L	97
23) Bromochloromethane	4.54	128	80903	43.095	ug/L	96
25) Chloroform	4.67	83	440986	59.119	ug/L	98
27) 1,2-Dichloroethane	5.40	62	413445	72.621	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	126168	22.010	ug/L	100
31) Carbon tetrachloride	5.13	117	318505	64.477	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.38	78	746506	48.498	ug/L	100
34) Trichloroethene	6.18	95	325007	86.088	ug/L	99
37) 1,2-Dichloropropane	6.43	63	184299	42.284	ug/L #	98
38) Bromodichloromethane	6.75	83	109982	20.917	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	154993	24.984	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	283842	51.917	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	100324	27.140	ug/L	96
46) Tetrachloroethene	8.22	164	197617	71.998	ug/L	99
49) Dibromochloromethane	8.47	129	165862	42.286	ug/L	94
50) 1,2-Dibromoethane	8.58	107	120873	30.218	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	267246	39.970	ug/L	100
61) Bromoform	9.95	173	152313	53.295	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	61077	41.891	ug/L	91

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

