

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031069.D
 Acq On : 11 Apr 2019 15:28
 Operator : JC/SP
 Sample : K2365-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2G51

Quant Time: Apr 12 05:07:37 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	512130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	221047	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.70%
7) Chloroethane-d5	1.66	69	167958	48.41	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.26	63	447868	54.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.32%
21) 2-Butanone-d5	4.17	46	321322	88.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.68%
24) Chloroform-d	4.64	84	351388	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	5.30	65	225241	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.33	84	688000	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.32	67	235397	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	7.56	98	613261	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.85	79	109781	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.94%
47) 2-Hexanone-d5	8.31	63	208224	90.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317761	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	228129	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	133918	29.769	ug/L 100
3) Chloromethane	1.32	50	153022	26.298	ug/L 99
5) Vinyl chloride	1.40	62	312725	55.520	ug/L 97
6) Bromomethane	1.60	94	51413	17.618	ug/L 100
8) Chloroethane	1.68	64	86644	26.970	ug/L 99
9) Trichlorofluoromethane	1.87	101	315560	48.081	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	86808	23.672	ug/L 98
12) 1,1-Dichloroethene	2.27	96	249482	70.473	ug/L 94
16) Methylene chloride	2.69	84	186492	43.365	ug/L 95
17) trans-1,2-Dichloroethene	2.97	96	85979	22.874	ug/L 96
19) 1,1-Dichloroethane	3.44	63	506851	65.340	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	176287	42.475	ug/L 94
23) Bromochloromethane	4.54	128	88780	45.246	ug/L 91
25) Chloroform	4.67	83	460296	59.040	ug/L 99
27) 1,2-Dichloroethane	5.40	62	425296	71.473	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	133136	21.775	ug/L 100
31) Carbon tetrachloride	5.13	117	343948	65.280	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

33) Benzene	5.38	78	782267	47.648	ug/L	100
34) Trichloroethene	6.18	95	350648	87.080	ug/L	98
37) 1,2-Dichloropropane	6.43	63	185142	39.825	ug/L	100
38) Bromodichloromethane	6.75	83	115411	20.579	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	164097	24.800	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	299861	51.423	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	108349	27.481	ug/L	97
46) Tetrachloroethene	8.22	164	230106	78.600	ug/L	99
49) Dibromochloromethane	8.47	129	175757	42.011	ug/L	98
50) 1,2-Dibromoethane	8.58	107	128936	30.222	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	278465	39.047	ug/L	98
61) Bromoform	9.95	173	166310	51.319	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	63325	38.302	ug/L	98

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

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