

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033515.D
 Acq On : 31 Jul 2019 11:03
 Operator : JC/SP
 Sample : K4103-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9A5

Quant Time: Aug 01 07:40:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 07:20:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	317027	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	156287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104362	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.56%
7) Chloroethane-d5	1.66	69	164084	82.97	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	165.94%#
11) 1,1-Dichloroethene-d2	2.26	63	223805	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.00%
21) 2-Butanone-d5	4.15	46	152275	99.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	4.62	84	197584	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
26) 1,2-Dichloroethane-d4	5.29	65	120908	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
32) Benzene-d6	5.32	84	381838	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.31	67	123108	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.55	98	350309	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%
43) trans-1,3-Dichloropropene-	7.83	79	59273	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.30	63	116590	102.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.65%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	183850	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	138221	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	69761	23.334	ug/L 99
3) Chloromethane	1.32	50	77876	25.860	ug/L 98
5) Vinyl chloride	1.39	62	169007	52.352	ug/L 100
6) Bromomethane	1.61	94	74458	26.141	ug/L 99
8) Chloroethane	1.68	64	65834	33.561	ug/L 96
9) Trichlorofluoromethane	1.87	101	195970	46.406	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	49882	23.300	ug/L 99
12) 1,1-Dichloroethene	2.27	96	140074	68.228	ug/L 93
16) Methylene chloride	2.68	84	104301	44.478	ug/L 96
17) trans-1,2-Dichloroethene	2.96	96	46037	21.403	ug/L 99
19) 1,1-Dichloroethane	3.42	63	274921	68.094	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	102966	42.649	ug/L 91
23) Bromochloromethane	4.52	128	55452	44.021	ug/L 95
25) Chloroform	4.65	83	257199	60.536	ug/L 99
27) 1,2-Dichloroethane	5.38	62	240585	73.538	ug/L 99
30) 1,1,1-Trichloroethane	4.89	97	78314	22.108	ug/L 100
31) Carbon tetrachloride	5.11	117	204657	66.345	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.37	78	439743	49.514	ug/L	100
34) Trichloroethene	6.16	95	202158	86.292	ug/L	99
37) 1,2-Dichloropropane	6.41	63	101921	42.874	ug/L	100
38) Bromodichloromethane	6.74	83	66578	21.664	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	93008	25.067	ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	173144	51.636	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	62001	27.473	ug/L	100
46) Tetrachloroethene	8.21	164	143097	74.818	ug/L	98
49) Dibromochloromethane	8.46	129	108227	42.150	ug/L	99
50) 1,2-Dibromoethane	8.57	107	78387	31.357	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	161898	39.774	ug/L	99
61) Bromoform	9.94	173	104726	55.473	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	38178	42.579	ug/L	99

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

