

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032776.D
 Acq On : 17 Jun 2019 12:34
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV36

Quant Time: Jun 18 02:34:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 01:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225031	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	216455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	75574	49.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.28%
7) Chloroethane-d5	1.67	69	60919	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.34%
11) 1,1-Dichloroethene-d2	2.27	63	152666	49.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.56%
21) 2-Butanone-d5	4.17	46	133525	104.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.31%
24) Chloroform-d	4.64	84	150975	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.30	65	99175	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.33	84	288145	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
36) 1,2-Dichloropropane-d6	6.32	67	92140	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.56	98	274860	52.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.04%
43) trans-1,3-Dichloropropene-	7.84	79	48931	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.66%
47) 2-Hexanone-d5	8.31	63	90544	107.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.88%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	141681	50.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	117800	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	111056	48.857	ug/L 100
3) Chloromethane	1.32	50	99500	48.296	ug/L 100
5) Vinyl chloride	1.40	62	100332	49.099	ug/L 98
6) Bromomethane	1.62	94	60903	50.649	ug/L 100
8) Chloroethane	1.69	64	58484	49.719	ug/L 98
9) Trichlorofluoromethane	1.88	101	140743	49.093	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	73320	48.759	ug/L 99
12) 1,1-Dichloroethene	2.28	96	69727	49.204	ug/L 97
13) Acetone	2.32	43	145020	82.025	ug/L 99
14) Carbon disulfide	2.47	76	220380	49.148	ug/L 99
15) Methyl Acetate	2.61	43	97805	48.802	ug/L 99
16) Methylene chloride	2.69	84	79977	48.097	ug/L 100
17) trans-1,2-Dichloroethene	2.97	96	73972	48.136	ug/L 96
18) Methyl tert-butyl Ether	2.99	73	245511	49.761	ug/L 100
19) 1,1-Dichloroethane	3.44	63	143542	48.996	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	82800	49.460	ug/L 97
22) 2-Butanone	4.25	43	165030	90.058	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	43369	49.659	uq/L	98
25) Chloroform	4.67	83	147166	48.711	uq/L	99
27) 1,2-Dichloroethane	5.40	62	124750	50.263	uq/L	99
29) Cyclohexane	4.99	56	125807	49.777	uq/L	99
30) 1,1,1-Trichloroethane	4.91	97	130992	49.672	uq/L	99
31) Carbon tetrachloride	5.13	117	120017	50.018	uq/L	98
33) Benzene	5.38	78	309617	49.654	uq/L	100
34) Trichloroethene	6.18	95	83715	50.248	uq/L	97
35) Methylcyclohexane	6.41	83	130403	50.637	uq/L	99
37) 1,2-Dichloropropane	6.42	63	84679	49.507	uq/L	100
38) Bromodichloromethane	6.75	83	113108	49.178	uq/L	98
39) cis-1,3-Dichloropropene	7.26	75	133538	50.111	uq/L	99
40) 4-Methyl-2-pentanone	7.45	43	276478	101.245	uq/L	100
42) Toluene	7.63	91	338340	50.150	uq/L	99
44) trans-1,3-Dichloropropene	7.87	75	125992	50.337	uq/L	99
45) 1,1,2-Trichloroethane	8.06	97	78709	49.440	uq/L	100
46) Tetrachloroethene	8.22	164	68520	50.191	uq/L	98
48) 2-Hexanone	8.36	43	233645	96.973	uq/L	99
49) Dibromochloromethane	8.47	129	96585	50.325	uq/L	98
50) 1,2-Dibromoethane	8.58	107	88117	49.839	uq/L	99
51) Chlorobenzene	9.11	112	221592	49.913	uq/L	99
52) Ethylbenzene	9.24	91	381056	51.027	uq/L	100
53) m,p-Xylene	9.37	106	142895	50.716	uq/L	99
54) o-xylene	9.77	106	140513	51.067	uq/L	100
55) Styrene	9.78	104	246297	51.598	uq/L	95
56) Isopropylbenzene	10.16	105	376696	50.800	uq/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	142308	49.399	uq/L	99
59) 1,2,3-Trichloropropane	10.49	75	113955	49.922	uq/L	100
61) Bromoform	9.95	173	76682	50.118	uq/L	100
62) 1,3-Dichlorobenzene	11.41	146	182534	50.116	uq/L	100
63) 1,4-Dichlorobenzene	11.50	146	187230	49.770	uq/L	100
65) 1,2-Dichlorobenzene	11.87	146	185098	49.772	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	36433	51.351	uq/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	149938	51.235	uq/L	97
68) 1,2,4-trichlorobenzene	13.50	180	136317	54.134	uq/L	100
69) Naphthalene	13.74	128	432869	55.909	uq/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	140426	52.677	uq/L	99

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

