

Data File : VU033633.D
Acq On : 08 Aug 2019 13:12
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV36

Quant Time: Aug 09 07:37:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:37:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	325983	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	317047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	168615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165761	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.08%
7) Chloroethane-d5	1.67	69	168181	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.98%
11) 1,1-Dichloroethene-d2	2.26	63	272336	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.56%
21) 2-Butanone-d5	4.16	46	262562	97.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	4.62	84	278415	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.29	65	178265	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.32	84	564534	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
36) 1,2-Dichloropropane-d6	6.31	67	180283	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.55	98	528976	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.83	79	92381	50.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.42%
47) 2-Hexanone-d5	8.30	63	191875	101.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.95%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	274099	46.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	219764	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	133629	44.517 ug/L	99
3) Chloromethane	1.32	50	144041	44.007 ug/L	100
5) Vinyl chloride	1.40	62	157496	44.513 ug/L	99
6) Bromomethane	1.62	94	110139	46.339 ug/L	99
8) Chloroethane	1.69	64	111765	50.644 ug/L	98
9) Trichlorofluoromethane	1.88	101	208338	44.355 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	107206	44.394 ug/L	99
12) 1,1-Dichloroethene	2.27	96	103452	44.863 ug/L	97
13) Acetone	2.32	43	177895	97.035 ug/L	99
14) Carbon disulfide	2.46	76	313396	45.401 ug/L	99
15) Methyl Acetate	2.60	43	135853	45.453 ug/L	99
16) Methylene chloride	2.68	84	120621	44.121 ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	108335	45.089 ug/L	98
18) Methyl tert-butyl Ether	2.98	73	349046	46.252 ug/L	99
19) 1,1-Dichloroethane	3.42	63	208367	44.453 ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	125433	46.360 ug/L	96
22) 2-Butanone	4.24	43	219017	95.162 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	62687	43.814	ug/L	99
25) Chloroform	4.65	83	217042	44.204	ug/L	96
27) 1,2-Dichloroethane	5.38	62	169033	44.414	ug/L	99
29) Cyclohexane	4.97	56	178502	48.732	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	182318	45.807	ug/L	99
31) Carbon tetrachloride	5.11	117	163542	46.456	ug/L	99
33) Benzene	5.37	78	467955	46.755	ug/L	100
34) Trichloroethene	6.16	95	120450	46.918	ug/L	99
35) Methylcyclohexane	6.40	83	194373	49.437	ug/L	98
37) 1,2-Dichloropropane	6.41	63	126243	46.669	ug/L	99
38) Bromodichloromethane	6.74	83	161853	46.253	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	204042	50.674	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	382069	97.360	ug/L	99
42) Toluene	7.62	91	510445	47.557	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	181673	47.936	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	120401	46.704	ug/L	99
46) Tetrachloroethene	8.21	164	100161	48.092	ug/L	97
48) 2-Hexanone	8.35	43	321522	99.378	ug/L	99
49) Dibromochloromethane	8.46	129	135917	46.270	ug/L	99
50) 1,2-Dibromoethane	8.57	107	131695	47.084	ug/L	98
51) Chlorobenzene	9.10	112	327011	46.584	ug/L	98
52) Ethylbenzene	9.23	91	555879	48.206	ug/L	99
53) m,p-Xylene	9.36	106	213871	48.942	ug/L	98
54) o-xylene	9.76	106	209866	48.449	ug/L	100
55) Styrene	9.77	104	362887	49.236	ug/L	99
56) Isopropylbenzene	10.15	105	546025	48.942	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	216193	45.665	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	169810	45.976	ug/L	99
61) Bromoform	9.94	173	106933	47.314	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	273725	48.331	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	276429	47.216	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	278705	48.520	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	51207	47.861	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	212767	49.697	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	193106	53.961	ug/L	97
69) Naphthalene	13.73	128	602781	57.673	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	200225	53.594	ug/L	99

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

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