Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
Data File : VU038675.D
Acq On : 08 Jun 2020 17:23
Operator : SY/MD
Sample : VSTD20034
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD20034

Quant Time: Jun 08 17:42:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 16:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	642974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	644449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	337749	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	716205	177.44	ug/L	0.00
7) Chloroethane-d5	1.92	69	472275	151.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	1523926	184.72	ug/L	0.00
21) 2-Butanone-d5	4.66	46	1433674	373.84	ug/L	0.00
24) Chloroform-d	5.10	84	1500255	189.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	966146	177.86	ug/L	0.00
32) Benzene-d6	5.76	84	2996758	178.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	932281	179.60	ug/L	0.00
41) Toluene-d8	7.92	98	2741432	185.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	507818	196.51	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	1111085	406.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	1512479	196.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	1151917	184.00	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	965314	199.456	ug/L	100
3) Chloromethane	1.53	50	912794	204.639	ug/L	99
5) Vinyl chloride	1.62	62	997017	202.331	ug/L	100
6) Bromomethane	1.87	94	527414	261.623	ug/L	99
8) Chloroethane	1.94	64	525121	174.402	ug/L	98
9) Trichlorofluoromethane	2.15	101	1342117	203.228	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	772750	195.703	ug/L	99
12) 1,1-Dichloroethene	2.60	96	783713	201.039	ug/L	98
13) Acetone	2.66	43	1028354	322.724	ug/L	98
14) Carbon disulfide	2.82	76	2566471	201.864	ug/L	99
15) Methyl Acetate	2.98	43	1149902	201.317	ug/L	100
16) Methylene chloride	3.08	84	913095	203.842	ug/L	99
17) trans-1,2-Dichloroethene	3.38	96	861840	205.818	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	2902582	216.166	ug/L	100
19) 1,1-Dichloroethane	3.91	63	1608173	202.799	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	954842	208.157	ug/L	99
22) 2-Butanone	4.74	43	1743104	390.171	ug/L	99
23) Bromochloromethane	5.01	128	471081	207.438	ug/L	99
25) Chloroform	5.12	83	1618253	198.441	ug/L	97
27) 1,2-Dichloroethane	5.83	62	1336423	202.398	ug/L	100
29) Cyclohexane	5.42	56	1450823	196.348	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	1433850	204.609	ug/L	99
31) Carbon tetrachloride	5.56	117	1195076	204.619	ug/L	100
33) Benzene	5.81	78	3610862	199.495	ug/L	100
34) Trichloroethene	6.57	95	925573	199.867	ug/L	99
35) Methylcyclohexane	6.79	83	1480709	203.652	ug/L	98
37) 1,2-Dichloropropane	6.82	63	952203	202.850	ug/L	99
38) Bromodichloromethane	7.13	83	1272795	211.584	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	1596931	213.788	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	3284696	439.992	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.99	91	3886509	204.528 ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	1560699	223.208 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	925102	207.674 ug/L	98
46) Tetrachloroethene	8.57	164	679383	200.670 ug/L	99
48) 2-Hexanone	8.71	43	2742245	435.059 ug/L	100
49) Dibromochloromethane	8.83	129	1012445	224.474 ug/L	97
50) 1,2-Dibromoethane	8.94	107	1033494	215.847 ug/L	99
51) Chlorobenzene	9.47	112	2511852	205.678 ug/L	99
52) Ethylbenzene	9.59	91	4466509	209.779 ug/L	100
53) m,p-Xylene	9.71	106	1716016	210.753 ug/L	98
54) o-xylene	10.12	106	1681365	212.393 ug/L	100
55) Styrene	10.13	104	3004349	220.814 ug/L	100
56) Isopropylbenzene	10.50	105	4422453	213.776 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	1697806	222.719 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	1420881	216.459 ug/L	99
61) Bromoform	10.31	173	788328	232.330 ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	2043196	206.932 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	2053671	204.627 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	2041735	208.524 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	462901	230.930 ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	1517990	216.024 ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	1496051	221.979 ug/L	99
69) Naphthalene	14.11	128	5546601	229.854 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	1471551	218.568 ug/L	100

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

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