Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\
Data File : VU033494.D
Acq On : 30 Jul 2019 15:45
Operator : JC/SP
Sample : VSTD05036
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05036

Quant Time: Jul 31 07:38:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 07:35:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	329121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	330003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	178121	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	116551	46.93	ug/L	0.00
7) Chloroethane-d5	1.67	69	103805	48.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	207206	47.06	ug/L	0.00
21) 2-Butanone-d5	4.15	46	159167	99.79	ug/L	0.00
24) Chloroform-d	4.62	84	194375	46.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	124088	46.52	ug/L	0.00
32) Benzene-d6	5.32	84	399299	48.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	124823	47.73	ug/L	0.00
41) Toluene-d8	7.55	98	377416	49.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	61045	48.02	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	123574	103.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187492	47.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	151071	47.31	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	156598	47.801	ug/L	100
3) Chloromethane	1.32	50	160300	49.368	ug/L	100
5) Vinyl chloride	1.40	62	168595	45.646	ug/L	100
6) Bromomethane	1.62	94	144311	57.899	ug/L	100
8) Chloroethane	1.69	64	107371	47.846	ug/L	100
9) Trichlorofluoromethane	1.87	101	223690	46.090	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	110554	49.291	ug/L	100
12) 1,1-Dichloroethene	2.27	96	106531	48.642	ug/L	100
13) Acetone	2.31	43	170931	87.046	ug/L	100
14) Carbon disulfide	2.46	76	330197	48.777	ug/L	100
15) Methyl Acetate	2.60	43	132289	50.491	ug/L	100
16) Methylene chloride	2.68	84	123216	48.733	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	112378	49.067	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	351839	49.763	ug/L	100
19) 1,1-Dichloroethane	3.42	63	213814	48.655	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	126188	48.943	ug/L	100
22) 2-Butanone	4.24	43	212128	96.276	ug/L	100
23) Bromochloromethane	4.52	128	67314	50.557	ug/L	100
25) Chloroform	4.65	83	228143	48.680	ug/L	100
27) 1,2-Dichloroethane	5.38	62	174860	48.530	ug/L	100
29) Cyclohexane	4.97	56	183529	50.300	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	190653	48.740	ug/L	100
31) Carbon tetrachloride	5.11	117	167303	48.948	ug/L	100
33) Benzene	5.37	78	487915	49.922	ug/L	100
34) Trichloroethene	6.16	95	123546	48.410	ug/L	100
35) Methylcyclohexane	6.40	83	199661	50.805	ug/L	100
37) 1,2-Dichloropropane	6.41	63	128558	48.679	ug/L	100
38) Bromodichloromethane	6.74	83	166504	48.925	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	202363	49.427	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	364510	101.801	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	529707	50.322	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	184027	50.346	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	122457	48.972	ug/L	100
46) Tetrachloroethene	8.21	164	103318	51.574	ug/L	100
48) 2-Hexanone	8.34	43	300072	102.925	ug/L	100
49) Dibromochloromethane	8.46	129	140380	50.019	ug/L	100
50) 1,2-Dibromoethane	8.57	107	136534	49.929	ug/L	100
51) Chlorobenzene	9.10	112	338067	49.201	ug/L	100
52) Ethylbenzene	9.23	91	569350	50.604	ug/L	100
53) m,p-Xylene	9.36	106	216597	50.830	ug/L	100
54) o-xylene	9.76	106	217251	51.257	ug/L	100
55) Styrene	9.77	104	372384	51.879	ug/L	100
56) Isopropylbenzene	10.15	105	558786	51.233	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	220507	49.979	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	171321	49.536	ug/L	100
61) Bromoform	9.94	173	109005	49.108	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	273380	48.997	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	279215	48.038	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	277499	48.675	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	50964	46.939	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	216988	53.043	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	190184	53.191	ug/L	100
69) Naphthalene	13.73	128	566824	50.567	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	201094	51.786	ug/L	100

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

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