Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122420\
Data File : VU041797.D
Acq On : 24 Dec 2020 09:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050207

Quant Time: Dec 25 02:14:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 18 16:10:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	347807	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	323834	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	162905	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	130462	50.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.38%			
7) Chloroethane-d5	1.92	69	116449	53.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.84%			
11) 1,1-Dichloroethene-d2	2.58	63	257867	56.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.08%			
21) 2-Butanone-d5	4.64	46	202250	102.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.14%			
24) Chloroform-d	5.08	84	226100	49.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.90%			
26) 1,2-Dichloroethane-d4	5.71	65	137526	46.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.36%			
32) Benzene-d6	5.74	84	451691	48.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.28%			
36) 1,2-Dichloropropane-d6	6.70	67	137719	47.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.84%			
41) Toluene-d8	7.90	98	424770	48.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.34%			
43) trans-1,3-Dichloropropene-	8.18	79	72420	48.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.64%			
47) 2-Hexanone-d5	8.64	63	159611	100.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.78%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	215472	48.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.60%			
66) 1,2-Dichlorobenzene-d4	12.19	152	164482	49.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	137015	47.268	ug/L	100
3) Chloromethane	1.52	50	133156	50.394	ug/L	98
5) Vinyl chloride	1.61	62	156970	53.320	ug/L	98
6) Bromomethane	1.86	94	114728	52.828	ug/L	98
8) Chloroethane	1.94	64	103504	52.588	ug/L	97
9) Trichlorofluoromethane	2.14	101	228911	53.058	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	131587	56.295	ug/L	98
12) 1,1-Dichloroethene	2.59	96	125221	56.089	ug/L	91
13) Acetone	2.64	43	169896	114.878	ug/L	100
14) Carbon disulfide	2.80	76	398210	55.596	ug/L	99
15) Methyl Acetate	2.96	43	159567	56.671	ug/L	98
16) Methylene chloride	3.06	84	141913	55.606	ug/L	97
17) trans-1,2-Dichloroethene	3.37	96	129124	55.788	ug/L	96
18) Methyl tert-butyl Ether	3.38	73	394850	54.965	ug/L	99
19) 1,1-Dichloroethane	3.88	63	237283	56.124	ug/L	97
20) cis-1,2-Dichloroethene	4.68	96	128291	50.608	ug/L	99
22) 2-Butanone	4.72	43	203791	95.769	ug/L	97

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Instrument : MSVOA_U
ClientSampleId : VSTD050207

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Quant Title : VOC Analysis
QLast Update : Fri Dec 18 16:10:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	68348	50.278	ug/L	95
25) Chloroform	5.10	83	217409	48.776	ug/L	96
27) 1,2-Dichloroethane	5.81	62	167233	48.082	ug/L	96
29) Cyclohexane	5.40	56	179956	48.317	ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	191136	47.558	ug/L	99
31) Carbon tetrachloride	5.54	117	170418	48.596	ug/L	99
33) Benzene	5.79	78	494598	48.309	ug/L	100
34) Trichloroethene	6.55	95	127439	48.042	ug/L	98
35) Methylcyclohexane	6.77	83	204470	48.617	ug/L	99
37) 1,2-Dichloropropane	6.80	63	122829	47.759	ug/L	100
38) Bromodichloromethane	7.11	83	162248	46.595	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	195384	47.667	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	349552	92.565	ug/L	99
42) Toluene	7.97	91	532729	49.280	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	191613	48.235	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	123516	47.471	ug/L	98
46) Tetrachloroethene	8.56	164	100450	48.790	ug/L	95
48) 2-Hexanone	8.69	43	302163	98.480	ug/L	99
49) Dibromochloromethane	8.81	129	138315	49.092	ug/L	93
50) 1,2-Dibromoethane	8.92	107	133795	49.259	ug/L	100
51) Chlorobenzene	9.45	112	331558	48.020	ug/L	99
52) Ethylbenzene	9.57	91	556505	48.913	ug/L	99
53) m,p-Xylene	9.69	106	220510	50.439	ug/L	97
54) o-xylene	10.10	106	214896	50.350	ug/L	100
55) Styrene	10.11	104	367334	50.599	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	212409	47.486	ug/L	100
59) Bromoform	10.29	173	105186	48.457	ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	178486	47.875	ug/L	100
61) Isopropylbenzene	10.48	105	557445	49.888	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	468766	50.469	ug/L	97
63) 1,2,4-Trimethylbenzene	11.46	105	487980	51.858	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	258109	48.229	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	258212	47.860	ug/L	99
67) 1,2-Dichlorobenzene	12.20	146	265981	48.199	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	55805	47.936	ug/L	99
69) 1,3,5-Trichlorobenzene	13.21	180	181206	47.064	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	146477	47.400	ug/L	98
71) Naphthalene	14.07	128	501942	50.032	ug/L	100
72) 1,2,3-Trichlorobenzene	14.31	180	156821	50.284	ug/L	99

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

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