Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042320\
Data File : VU037857.D
Acq On : 23 Apr 2020 10:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050

Quant Time: Apr 23 11:52:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 22 12:42:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	414098	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	401105	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	204171	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	266034	71.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 143.74%#			
7) Chloroethane-d5	1.93	69	204422	67.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 135.36%#			
11) 1,1-Dichloroethene-d2	2.59	63	403946	64.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 129.08%#			
21) 2-Butanone-d5	4.66	46	374179	123.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.83%			
24) Chloroform-d	5.10	84	391788	65.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.18%#			
26) 1,2-Dichloroethane-d4	5.74	65	267649	65.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 130.02%#			
32) Benzene-d6	5.76	84	823870	66.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.52%#			
36) 1,2-Dichloropropane-d6	6.72	67	272667	65.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 130.42%#			
41) Toluene-d8	7.92	98	752877	66.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.44%#			
43) trans-1,3-Dichloropropene-	8.20	79	140185	66.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 132.58%#			
47) 2-Hexanone-d5	8.65	63	279326	127.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.83%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	366574	63.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 127.44%#			
64) 1,2-Dichlorobenzene-d4	12.21	152	276247	64.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.30%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	194511	53.277	ug/L	98
3) Chloromethane	1.54	50	201289	55.270	ug/L	99
5) Vinyl chloride	1.62	62	229507	53.815	ug/L	99
6) Bromomethane	1.87	94	99479	60.370	ug/L	99
8) Chloroethane	1.95	64	133644	53.364	ug/L	95
9) Trichlorofluoromethane	2.16	101	258792	54.869	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	152684	55.597	ug/L	99
12) 1,1-Dichloroethene	2.60	96	144890	53.512	ug/L	94
13) Acetone	2.65	43	280612	139.628	ug/L	99
14) Carbon disulfide	2.82	76	467578	51.776	ug/L	99
15) Methyl Acetate	2.98	43	233662	52.176	ug/L	99
16) Methylene chloride	3.08	84	173586	53.399	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	158851	53.160	ug/L	97
18) Methyl tert-butyl Ether	3.40	73	580837	54.604	ug/L	99
19) 1,1-Dichloroethane	3.91	63	337872	54.456	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	183403	54.916	ug/L	98
22) 2-Butanone	4.75	43	384591	116.454	ug/L	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	88177	54.977	ug/L	98
25) Chloroform	5.13	83	320487	55.166	ug/L	97
27) 1,2-Dichloroethane	5.83	62	270824	54.076	ug/L	99
29) Cyclohexane	5.42	56	323168	53.620	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	272841	55.507	ug/L	100
31) Carbon tetrachloride	5.56	117	221722	56.070	ug/L	100
33) Benzene	5.81	78	724795	55.131	ug/L	100
34) Trichloroethene	6.57	95	179584	55.333	ug/L	98
35) Methylcyclohexane	6.79	83	313358	55.301	ug/L	98
37) 1,2-Dichloropropane	6.82	63	202796	54.610	ug/L	100
38) Bromodichloromethane	7.13	83	246484	55.155	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	329241	56.288	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	671333	105.974	ug/L	99
42) Toluene	8.00	91	764931	54.943	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	315924	56.194	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	175926	54.826	ug/L	99
46) Tetrachloroethene	8.57	164	129375	55.491	ug/L	98
48) 2-Hexanone	8.71	43	543913	108.231	ug/L	100
49) Dibromochloromethane	8.83	129	185154	55.425	ug/L	98
50) 1,2-Dibromoethane	8.95	107	188839	54.827	ug/L	98
51) Chlorobenzene	9.47	112	469131	53.958	ug/L	99
52) Ethylbenzene	9.59	91	860052	55.082	ug/L	100
53) m,p-Xylene	9.71	106	325745	55.014	ug/L	95
54) o-xylene	10.12	106	317450	55.172	ug/L	99
55) Styrene	10.13	104	545360	54.689	ug/L	100
56) Isopropylbenzene	10.50	105	845995	55.336	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	311808	54.536	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	264660	53.475	ug/L	100
61) Bromoform	10.31	173	138175	54.040	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	373935	54.147	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	375872	53.905	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	373120	54.767	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	77458	52.021	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	278341	55.520	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	264843	55.534	ug/L	99
69) Naphthalene	14.12	128	914211	54.423	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	262358	55.283	ug/L	100

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

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