Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030220\
Data File : VU037016.D
Acq On : 02 Mar 2020 22:11
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Quant Time: Mar 03 03:26:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 03 03:21:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	257939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111278	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	84004	37.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.04%			
7) Chloroethane-d5	1.91	69	79910	43.14	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.28%			
11) 1,1-Dichloroethene-d2	2.59	63	161131	42.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.96%			
21) 2-Butanone-d5	4.67	46	151266	100.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.74%			
24) Chloroform-d	5.10	84	173079	50.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.26%			
26) 1,2-Dichloroethane-d4	5.74	65	113187	48.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.86%			
32) Benzene-d6	5.76	84	356369	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.56%			
36) 1,2-Dichloropropane-d6	6.72	67	118808	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.32%			
41) Toluene-d8	7.92	98	331758	47.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.88%			
43) trans-1,3-Dichloropropene-	8.20	79	52586	46.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.64%			
47) 2-Hexanone-d5	8.66	63	119725	101.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.32%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	180353	52.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.86%			
64) 1,2-Dichlorobenzene-d4	12.21	152	111795	51.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	113676	50.274	ug/L	100
3) Chloromethane	1.53	50	132779	51.042	ug/L	99
5) Vinyl chloride	1.62	62	136561	50.894	ug/L	100
6) Bromomethane	1.84	94	50395	36.606	ug/L	98
8) Chloroethane	1.93	64	81839	50.881	ug/L	100
9) Trichlorofluoromethane	2.14	101	145853	51.252	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	86966	51.086	ug/L	99
12) 1,1-Dichloroethene	2.60	96	85406	49.603	ug/L	88
13) Acetone	2.66	43	105583	68.357	ug/L	99
14) Carbon disulfide	2.81	76	251016	46.078	ug/L	100
15) Methyl Acetate	2.98	43	117820	50.045	ug/L	99
16) Methylene chloride	3.07	84	109102	51.951	ug/L	98
17) trans-1,2-Dichloroethene	3.38	96	91940	49.707	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	313704	52.176	ug/L	99
19) 1,1-Dichloroethane	3.91	63	190106	52.895	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	107802	52.124	ug/L	100
22) 2-Butanone	4.75	43	170695	91.645	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Tue Mar 03 03:21:45 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	49897	53.274 ug/L	96
25) Chloroform	5.13	83	185251	53.421 ug/L	97
27) 1,2-Dichloroethane	5.83	62	153369	54.324 ug/L	99
29) Cyclohexane	5.42	56	163350	47.723 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	144898	52.395 ug/L	99
31) Carbon tetrachloride	5.56	117	112560	51.928 ug/L	98
33) Benzene	5.81	78	422826	51.889 ug/L	100
34) Trichloroethene	6.57	95	106014	52.933 ug/L	99
35) Methylcyclohexane	6.79	83	165315	47.607 ug/L	100
37) 1,2-Dichloropropane	6.82	63	116586	53.137 ug/L	99
38) Bromodichloromethane	7.13	83	137414	53.058 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	166032	49.125 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	334590	103.492 ug/L	99
42) Toluene	7.99	91	456845	52.623 ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	149200	50.889 ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	102951	52.766 ug/L	99
46) Tetrachloroethene	8.57	164	66832	50.654 ug/L	97
48) 2-Hexanone	8.71	43	262995	101.939 ug/L	99
49) Dibromochloromethane	8.83	129	98450	53.161 ug/L	98
50) 1,2-Dibromoethane	8.95	107	107242	52.562 ug/L	98
51) Chlorobenzene	9.47	112	270348	52.556 ug/L	99
52) Ethylbenzene	9.59	91	488875	51.946 ug/L	100
53) m,p-Xylene	9.71	106	182637	52.905 ug/L	100
54) o-xylene	10.12	106	181911	52.833 ug/L	100
55) Styrene	10.13	104	302867	53.809 ug/L	100
56) Isopropylbenzene	10.50	105	463697	52.434 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	192449	55.173 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	154703	54.810 ug/L	98
61) Bromoform	10.31	173	68310	54.296 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	193357	53.564 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	187725	52.636 ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	198037	54.944 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	37307	52.173 ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	121740	53.131 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	91893	53.529 ug/L	99
69) Naphthalene	14.12	128	147911	48.809 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	92803	54.097 ug/L	99

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

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