Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101020\
Data File : VU040625.D
Acq On : 10 Oct 2020 10:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050212

Quant Time: Oct 12 01:29:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:15:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	281566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	272427	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	143813	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	112134	46.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.74%			
7) Chloroethane-d5	1.92	69	85451	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.78%			
11) 1,1-Dichloroethene-d2	2.58	63	221776	48.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.14%			
21) 2-Butanone-d5	4.65	46	214001	111.51	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.51%			
24) Chloroform-d	5.08	84	209208	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.32%			
26) 1,2-Dichloroethane-d4	5.72	65	141419	48.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.36%			
32) Benzene-d6	5.74	84	386644	49.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.74%			
36) 1,2-Dichloropropane-d6	6.70	67	129639	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.78%			
41) Toluene-d8	7.90	98	351050	49.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.90%			
43) trans-1,3-Dichloropropene-	8.19	79	63384	48.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.46%			
47) 2-Hexanone-d5	8.64	63	137221	113.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.27%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	184086	49.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.08%			
66) 1,2-Dichlorobenzene-d4	12.19	152	138436	47.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	133924	49.396	ug/L	100
3) Chloromethane	1.53	50	127293	44.678	ug/L	98
5) Vinyl chloride	1.61	62	135090	47.889	ug/L	98
6) Bromomethane	1.87	94	62660	42.321	ug/L	97
8) Chloroethane	1.94	64	80127	47.078	ug/L	98
9) Trichlorofluoromethane	2.15	101	180347	49.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	109739	50.877	ug/L	99
12) 1,1-Dichloroethene	2.59	96	99977	50.132	ug/L	85
13) Acetone	2.66	43	226492	122.895	ug/L	100
14) Carbon disulfide	2.81	76	326734	47.724	ug/L	100
15) Methyl Acetate	2.97	43	156628	52.103	ug/L	100
16) Methylene chloride	3.06	84	113210	47.868	ug/L	94
17) trans-1,2-Dichloroethene	3.37	96	104386	49.145	ug/L	95
18) Methyl tert-butyl Ether	3.38	73	329288	49.290	ug/L	100
19) 1,1-Dichloroethane	3.89	63	208286	49.167	ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	111600	48.752	ug/L	99
22) 2-Butanone	4.73	43	265596	112.973	ug/L	99

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Instrument : MSVOA_U
ClientSampleId : VSTD050212

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	58550	49.082 ug/L	95
25) Chloroform	5.11	83	213220	49.360 ug/L	99
27) 1,2-Dichloroethane	5.81	62	174826	49.041 ug/L	98
29) Cyclohexane	5.40	56	187320	51.353 ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	179782	51.383 ug/L	99
31) Carbon tetrachloride	5.54	117	157671	52.114 ug/L	99
33) Benzene	5.79	78	451201	51.241 ug/L	100
34) Trichloroethene	6.55	95	113092	49.856 ug/L	99
35) Methylcyclohexane	6.77	83	180828	52.433 ug/L	99
37) 1,2-Dichloropropane	6.80	63	119167	49.282 ug/L	100
38) Bromodichloromethane	7.11	83	157518	50.151 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	179858	50.752 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	411431	107.833 ug/L	100
42) Toluene	7.97	91	470472	52.333 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	180342	50.543 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	107357	49.562 ug/L	97
46) Tetrachloroethene	8.56	164	84043	51.275 ug/L	98
48) 2-Hexanone	8.69	43	350468	113.015 ug/L	99
49) Dibromochloromethane	8.81	129	120478	50.937 ug/L	99
50) 1,2-Dibromoethane	8.93	107	117583	51.206 ug/L	94
51) Chlorobenzene	9.45	112	290722	49.305 ug/L	99
52) Ethylbenzene	9.57	91	509201	51.030 ug/L	99
53) m,p-Xylene	9.69	106	189898	51.681 ug/L	97
54) o-xylene	10.10	106	180860	51.734 ug/L	97
55) Styrene	10.11	104	324348	52.674 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	189449	49.457 ug/L	99
59) Bromoform	10.29	173	87771	49.794 ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	158002	48.368 ug/L	99
61) Isopropylbenzene	10.48	105	480606	49.763 ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	408938	51.535 ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	411249	51.101 ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	230308	48.905 ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	236099	47.734 ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	229130	48.569 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	47498	51.751 ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	157402	51.013 ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	136817	51.159 ug/L	99
71) Naphthalene	14.08	128	436140	52.761 ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	138453	52.157 ug/L	99

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

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