Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060320\
Data File : VV016495.D
Acq On : 04 Jun 2020 07:10
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 74 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05095

Quant Time: Jun 04 07:41:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371972	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185786	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	111886	42.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.94%			
7) Chloroethane-d5	1.57	69	84681	44.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.04%			
11) 1,1-Dichloroethene-d2	2.12	63	209156	44.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.56%			
21) 2-Butanone-d5	3.89	46	189764	112.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.64%			
24) Chloroform-d	4.38	84	244369	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
26) 1,2-Dichloroethane-d4	5.05	65	163953	49.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.04%			
32) Benzene-d6	5.08	84	474228	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.74%			
36) 1,2-Dichloropropane-d6	6.09	67	146168	48.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.68%			
41) Toluene-d8	7.34	98	435263	49.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.78%			
43) trans-1,3-Dichloropropene-	7.64	79	69125	47.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.78%			
47) 2-Hexanone-d5	8.11	63	144653	112.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.85%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207257	51.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.12%			
64) 1,2-Dichlorobenzene-d4	11.65	152	178005	50.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	149223	48.622	ug/L	99
3) Chloromethane	1.25	50	153167	51.797	ug/L	99
5) Vinyl chloride	1.32	62	138950	48.633	ug/L	98
6) Bromomethane	1.52	94	70734	47.590	ug/L	99
8) Chloroethane	1.59	64	78653	49.122	ug/L	96
9) Trichlorofluoromethane	1.76	101	204332	49.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101764	47.420	ug/L	98
12) 1,1-Dichloroethene	2.13	96	97472	47.199	ug/L	91
13) Acetone	2.17	43	113898	72.340	ug/L	99
14) Carbon disulfide	2.31	76	344707	48.213	ug/L	100
15) Methyl Acetate	2.44	43	149940	51.813	ug/L	99
16) Methylene chloride	2.52	84	138544	47.587	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	126045	48.373	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	420624	52.143	ug/L	100
19) 1,1-Dichloroethane	3.21	63	239721	49.745	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	140089	49.817	ug/L	99
22) 2-Butanone	3.98	43	205270	105.064	ug/L	100

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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	73640	50.891 ug/L	98
25) Chloroform	4.40	83	245916	48.688 ug/L	99
27) 1,2-Dichloroethane	5.15	62	209254	50.986 ug/L	99
29) Cyclohexane	4.70	56	220329	51.769 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	222209	50.847 ug/L	99
31) Carbon tetrachloride	4.86	117	188672	50.198 ug/L	100
33) Benzene	5.13	78	533472	50.584 ug/L	100
34) Trichloroethene	5.94	95	136664	49.386 ug/L	95
35) Methylcyclohexane	6.16	83	212419	53.478 ug/L	99
37) 1,2-Dichloropropane	6.20	63	134967	49.099 ug/L	100
38) Bromodichloromethane	6.53	83	178610	50.570 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	199210	49.703 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	407749	107.803 ug/L	99
42) Toluene	7.41	91	564938	50.553 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	196853	50.059 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	132593	49.885 ug/L	98
46) Tetrachloroethene	8.00	164	106138	49.745 ug/L	98
48) 2-Hexanone	8.16	43	308837	105.028 ug/L	99
49) Dibromochloromethane	8.27	129	134926	52.215 ug/L	98
50) 1,2-Dibromoethane	8.37	107	142426	50.655 ug/L	99
51) Chlorobenzene	8.90	112	363394	49.477 ug/L	100
52) Ethylbenzene	9.03	91	628691	51.689 ug/L	100
53) m,p-Xylene	9.16	106	236122	51.485 ug/L	97
54) o-xylene	9.57	106	229512	51.672 ug/L	99
55) Styrene	9.58	104	402222	51.691 ug/L	99
56) Isopropylbenzene	9.95	105	624866	54.161 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	214168	50.229 ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	175519	51.169 ug/L	99
61) Bromoform	9.75	173	86481	55.592 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	291722	50.679 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	297298	49.777 ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	294626	50.851 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	46171	52.511 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	207171	53.496 ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	190094	53.021 ug/L	98
69) Naphthalene	13.53	128	590689	53.677 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	188191	55.218 ug/L	99

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

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