Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082520\
Data File : VV018089.D
Acq On : 25 Aug 2020 09:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05083

Quant Time: Aug 26 02:07:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 12:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155022	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	101012	46.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.38%			
7) Chloroethane-d5	1.58	69	85915	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.08%			
11) 1,1-Dichloroethene-d2	2.12	63	199261	48.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.30%			
21) 2-Butanone-d5	3.91	46	126193	89.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.05%			
24) Chloroform-d	4.37	84	187433	47.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.18%			
26) 1,2-Dichloroethane-d4	5.05	65	120864	47.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.50%			
32) Benzene-d6	5.07	84	367528	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.52%			
36) 1,2-Dichloropropane-d6	6.09	67	117461	46.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.38%			
41) Toluene-d8	7.33	98	339887	49.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.24%			
43) trans-1,3-Dichloropropene-	7.64	79	57822	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.36%			
47) 2-Hexanone-d5	8.11	63	73313	90.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.81%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	150307	45.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.76%			
64) 1,2-Dichlorobenzene-d4	11.65	152	139598	45.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	95699	43.714	ug/L	100
3) Chloromethane	1.25	50	105001	41.289	ug/L	99
5) Vinyl chloride	1.32	62	110889	44.010	ug/L	99
6) Bromomethane	1.53	94	64720	42.977	ug/L	99
8) Chloroethane	1.60	64	71116	44.221	ug/L	99
9) Trichlorofluoromethane	1.76	101	163914	45.542	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96807	48.171	ug/L	98
12) 1,1-Dichloroethene	2.13	96	88217	46.378	ug/L	96
13) Acetone	2.19	43	152111	103.926	ug/L	97
14) Carbon disulfide	2.31	76	232125	44.339	ug/L	100
15) Methyl Acetate	2.45	43	101257	42.869	ug/L	99
16) Methylene chloride	2.52	84	100046	41.285	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	90084	46.072	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	294760	45.583	ug/L	99
19) 1,1-Dichloroethane	3.21	63	179251	45.592	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	98362	45.778	ug/L	100
22) 2-Butanone	3.99	43	159432	97.098	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05083

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 12:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	52091	46.407 ug/L	97
25) Chloroform	4.40	83	185803	46.334 ug/L	100
27) 1,2-Dichloroethane	5.15	62	142351	44.598 ug/L	98
29) Cyclohexane	4.70	56	151215	44.872 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	159095	46.497 ug/L	99
31) Carbon tetrachloride	4.85	117	136742	48.006 ug/L	100
33) Benzene	5.12	78	386403	44.730 ug/L	100
34) Trichloroethene	5.94	95	102664	44.961 ug/L	98
35) Methylcyclohexane	6.15	83	154645	45.546 ug/L	100
37) 1,2-Dichloropropane	6.19	63	104252	44.253 ug/L	100
38) Bromodichloromethane	6.53	83	137577	47.016 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	160584	48.084 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	266994	86.696 ug/L	99
42) Toluene	7.41	91	410266	45.514 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	157213	49.614 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	99596	45.651 ug/L	98
46) Tetrachloroethene	7.99	164	80598	48.129 ug/L	99
48) 2-Hexanone	8.15	43	226949	91.386 ug/L	99
49) Dibromochloromethane	8.26	129	108377	50.893 ug/L	99
50) 1,2-Dibromoethane	8.37	107	100254	44.415 ug/L	96
51) Chlorobenzene	8.90	112	267550	46.150 ug/L	99
52) Ethylbenzene	9.03	91	457381	46.536 ug/L	99
53) m,p-Xylene	9.16	106	170950	47.290 ug/L	97
54) o-xylene	9.56	106	165638	46.367 ug/L	99
55) Styrene	9.58	104	300329	49.092 ug/L	99
56) Isopropylbenzene	9.95	105	453519	48.123 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	148932	43.838 ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	126454	43.463 ug/L	100
61) Bromoform	9.75	173	78573	53.567 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	224981	45.639 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	229685	45.356 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	226717	44.683 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31637	42.319 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	178749	47.733 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	160547	48.763 ug/L	99
69) Naphthalene	13.52	128	419040	46.177 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	164106	49.013 ug/L	99

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

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