Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030121\
Data File : VX020936.D
Acq On : 01 Mar 2021 13:45
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050442

Quant Time: Mar 01 16:00:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM022621WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 26 12:33:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	297181	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	269670	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	120982	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	91337	45.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.48%			
7) Chloroethane-d5	1.693	69	84111	50.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.38%			
11) 1,1-Dichloroethene-d2	2.346	63	184820	48.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.96%			
21) 2-Butanone-d5	4.523	46	134531	110.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.40%			
24) Chloroform-d	5.135	84	205824	55.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.06%			
26) 1,2-Dichloroethane-d4	6.023	65	125903	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
32) Benzene-d6	6.047	84	403687	50.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	7.364	67	126626	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.94%			
41) Toluene-d8	8.694	98	368952	51.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.04%			
43) trans-1,3-Dichloroprop...	8.988	79	66077	51.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.14%			
47) 2-Hexanone-d5	9.423	63	101158	101.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.36%			
56) 1,1,2,2-Tetrachloroeth...	11.230	84	157234	51.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.98%			
66) 1,2-Dichlorobenzene-d4	12.359	152	133728	57.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	112546	50.31	ug/L	99
3) Chloromethane	1.311	50	104700	52.20	ug/L	99
5) Vinyl chloride	1.393	62	118270	49.95	ug/L	99
6) Bromomethane	1.634	94	59702	53.25	ug/L	99
8) Chloroethane	1.711	64	74635	50.40	ug/L	99
9) Trichlorofluoromethane	1.917	101	158694	51.36	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	103185	50.42	ug/L	99
12) 1,1-Dichloroethene	2.358	96	101539	51.01	ug/L	86
13) Acetone	2.417	43	87424	84.39	ug/L	100
14) Carbon disulfide	2.552	76	283550	49.12	ug/L	98
15) Methyl Acetate	2.746	43	93083	47.68	ug/L	98
16) Methylene chloride	2.834	84	111984	50.40	ug/L	94
17) trans-1,2-Dichloroethene	3.140	96	106048	49.71	ug/L	98
18) Methyl tert-butyl Ether	3.164	73	343416	49.11	ug/L	99
19) 1,1-Dichloroethane	3.670	63	186926	50.06	ug/L	98
20) cis-1,2-Dichloroethene	4.558	96	121093	50.87	ug/L	95
22) 2-Butanone	4.629	43	133933	91.09	ug/L	99
23) Bromochloromethane	4.976	128	59661	50.52	ug/L	89
25) Chloroform	5.170	83	197437	49.50	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.158	62	147512	50.31	ug/L	97
29) Cyclohexane	5.546	56	166454	48.71	ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	170869	49.39	ug/L	99
31) Carbon tetrachloride	5.752	117	142532	49.70	ug/L	99
33) Benzene	6.105	78	437317	49.57	ug/L	100
34) Trichloroethene	7.182	95	117262	49.98	ug/L	98
35) Methylcyclohexane	7.435	83	177667	49.46	ug/L	96
37) 1,2-Dichloropropane	7.488	63	108917	49.30	ug/L	98
38) Bromodichloromethane	7.870	83	154041	50.23	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	181305	50.09	ug/L	99
40) 4-Methyl-2-pentanone	8.617	43	259700	96.06	ug/L	98
42) Toluene	8.765	91	464553	50.58	ug/L	98
44) trans-1,3-Dichloropropene	9.018	75	173062	50.06	ug/L	97
45) 1,1,2-Trichloroethane	9.194	97	110940	50.53	ug/L	99
46) Tetrachloroethene	9.318	164	85306	50.87	ug/L	99
48) 2-Hexanone	9.471	43	190815	92.56	ug/L	99
49) Dibromochloromethane	9.565	129	119437	51.50	ug/L	99
50) 1,2-Dibromoethane	9.653	107	116304	50.92	ug/L	97
51) Chlorobenzene	10.118	112	295196	50.84	ug/L	96
52) Ethylbenzene	10.235	91	507579	50.28	ug/L	98
53) m,p-Xylene	10.341	106	192935	50.67	ug/L	98
54) o-Xylene	10.682	106	186092	50.15	ug/L	90
55) Styrene	10.694	104	330126	51.17	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.253	83	150068	47.67	ug/L	99
59) Bromoform	10.841	173	80540	52.74	ug/L	98
60) Isopropylbenzene	11.000	105	494413	53.28	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	120900	49.79	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	403019	53.07	ug/L	95
63) 1,2,4-Trimethylbenzene	11.788	105	406372	53.17	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	213079	53.70	ug/L	92
65) 1,4-Dichlorobenzene	12.083	146	199145	50.11	ug/L	98
67) 1,2-Dichlorobenzene	12.377	146	200387	51.13	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.983	75	33838	50.63	ug/L	89
69) 1,3,5-Trichlorobenzene	13.153	180	148484	54.97	ug/L	98
70) 1,2,4-trichlorobenzene	13.630	180	127904	53.55	ug/L	94
71) Naphthalene	13.818	128	466780	53.93	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	127918	52.68	ug/L	95

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

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