Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030121\
Data File : VV020421.D
Acq On : 01 Mar 2021 10:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050170

Quant Time: Mar 02 00:08:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 24 17:44:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	573249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	561361	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	322329	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135373	47.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.44%			
7) Chloroethane-d5	1.568	69	123951	48.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.108	63	272163	46.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.00%			
21) 2-Butanone-d5	3.886	46	204577	95.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.79%			
24) Chloroform-d	4.346	84	325194	50.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.28%			
26) 1,2-Dichloroethane-d4	5.031	65	202623	49.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.90%			
32) Benzene-d6	5.050	84	618689	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.18%			
36) 1,2-Dichloropropane-d6	6.069	67	190977	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.78%			
41) Toluene-d8	7.317	98	603245	51.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.48%			
43) trans-1,3-Dichloroprop...	7.622	79	95794	51.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.74%			
47) 2-Hexanone-d5	8.088	63	149169	98.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.30%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	270012	49.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.48%			
66) 1,2-Dichlorobenzene-d4	11.632	152	275908	48.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	197189	42.21	ug/L	100
3) Chloromethane	1.240	50	163917	40.81	ug/L	100
5) Vinyl chloride	1.310	62	179835	41.26	ug/L	100
6) Bromomethane	1.519	94	117254	41.06	ug/L	100
8) Chloroethane	1.584	64	108814	40.93	ug/L	98
9) Trichlorofluoromethane	1.751	101	271795	41.75	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	152386	42.75	ug/L	95
12) 1,1-Dichloroethene	2.117	96	140537	42.23	ug/L	97
13) Acetone	2.179	43	155389	98.86	ug/L	99
14) Carbon disulfide	2.291	76	366390	42.12	ug/L	100
15) Methyl Acetate	2.433	43	129873	39.64	ug/L	99
16) Methylene chloride	2.503	84	154603	40.89	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	143610	41.38	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	417916	39.92	ug/L	98
19) 1,1-Dichloroethane	3.188	63	257296	40.68	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	159144	41.39	ug/L	91
22) 2-Butanone	3.970	43	195875	87.81	ug/L	97
23) Bromochloromethane	4.246	128	88047	42.45	ug/L	88
25) Chloroform	4.375	83	290165	41.90	ug/L	98

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ClientSampleId : VSTD050170

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Quant Title : VOC Analysis
QLast Update : Wed Feb 24 17:44:20 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	206469	40.22	ug/L	98
29) Cyclohexane	4.677	56	205044	41.11	ug/L	93
30) 1,1,1-Trichloroethane	4.606	97	245222	41.55	ug/L	98
31) Carbon tetrachloride	4.828	117	217488	42.33	ug/L	100
33) Benzene	5.098	78	594949	42.22	ug/L	100
34) Trichloroethene	5.915	95	170986	41.73	ug/L	96
35) Methylcyclohexane	6.130	83	236976	43.18	ug/L	96
37) 1,2-Dichloropropane	6.175	63	145098	40.44	ug/L	99
38) Bromodichloromethane	6.510	83	204221	41.51	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	224791	41.22	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	353281	79.66	ug/L	94
42) Toluene	7.387	91	658683	42.78	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	225845	42.43	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	157632	41.93	ug/L	98
46) Tetrachloroethene	7.979	164	142146	43.18	ug/L	98
48) 2-Hexanone	8.140	43	289334	84.42	ug/L	94
49) Dibromochloromethane	8.249	129	173556	42.73	ug/L	97
50) 1,2-Dibromoethane	8.355	107	163126	40.80	ug/L	100
51) Chlorobenzene	8.886	112	440488	40.93	ug/L	97
52) Ethylbenzene	9.014	91	722256	42.25	ug/L	99
53) m,p-Xylene	9.143	106	278881	42.68	ug/L	98
54) o-Xylene	9.548	106	269649	42.03	ug/L	96
55) Styrene	9.564	104	480479	43.63	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	223615	40.37	ug/L	100
59) Bromoform	9.735	173	124619	41.29	ug/L	99
60) Isopropylbenzene	9.937	105	729872	41.29	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	194110	38.30	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	607076	41.92	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	632337	42.61	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	379433	40.82	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	388686	40.22	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	382919	41.22	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	45875	38.97	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	300107	41.40	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	258608	41.10	ug/L	99
71) Naphthalene	13.509	128	717145	41.24	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	267797	42.33	ug/L	100

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

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