Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042621\
Data File : VV021135.D
Acq On : 26 Apr 2021 11:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050180

Quant Time: Apr 27 04:12:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	688637	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	697889	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	397361	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	193609	34.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.44%			
7) Chloroethane-d5	1.571	69	163457	39.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.54%			
11) 1,1-Dichloroethene-d2	2.111	63	424883	40.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.42%			
21) 2-Butanone-d5	3.896	46	292542	105.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.87%			
24) Chloroform-d	4.349	84	461730	45.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.54%			
26) 1,2-Dichloroethane-d4	5.031	65	300615	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.76%			
32) Benzene-d6	5.050	84	783190	42.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.28%			
36) 1,2-Dichloropropane-d6	6.072	67	249200	44.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.84%			
41) Toluene-d8	7.317	98	759674	42.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.46%			
43) trans-1,3-Dichloroprop...	7.622	79	133946	44.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.36%			
47) 2-Hexanone-d5	8.092	63	226483	102.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.93%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	405395	48.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.90%			
66) 1,2-Dichlorobenzene-d4	11.632	152	353084	44.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	356599	51.29	ug/L	99
3) Chloromethane	1.243	50	302310	50.52	ug/L	100
5) Vinyl chloride	1.314	62	312019	50.93	ug/L	100
6) Bromomethane	1.526	94	217588	52.72	ug/L	99
8) Chloroethane	1.587	64	185575	51.35	ug/L	98
9) Trichlorofluoromethane	1.754	101	568028	52.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	279499	51.62	ug/L	99
12) 1,1-Dichloroethene	2.118	96	254738	51.82	ug/L	93
13) Acetone	2.191	43	300783	116.54	ug/L	99
14) Carbon disulfide	2.294	76	693862	51.45	ug/L	98
15) Methyl Acetate	2.436	43	222787	52.19	ug/L	99
16) Methylene chloride	2.510	84	263315	51.36	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	246880	52.27	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	768471	53.00	ug/L	99
19) 1,1-Dichloroethane	3.188	63	451786	53.00	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	263581	52.29	ug/L	98
22) 2-Butanone	3.979	43	324843	108.67	ug/L	97
23) Bromochloromethane	4.246	128	152291	52.42	ug/L	99
25) Chloroform	4.375	83	510737	53.24	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	398727	52.20	ug/L	98
29) Cyclohexane	4.680	56	369024	51.96	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	492045	52.63	ug/L	99
31) Carbon tetrachloride	4.828	117	443637	51.38	ug/L	97
33) Benzene	5.101	78	1018279	52.34	ug/L	100
34) Trichloroethene	5.915	95	282006	52.38	ug/L	97
35) Methylcyclohexane	6.133	83	423424	52.33	ug/L	99
37) 1,2-Dichloropropane	6.175	63	251226	52.57	ug/L	100
38) Bromodichloromethane	6.513	83	391138	52.52	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	423152	54.29	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	634179	109.79	ug/L	99
42) Toluene	7.387	91	1152324	53.95	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	424439	52.62	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	269362	51.90	ug/L	99
46) Tetrachloroethene	7.976	164	245413	50.96	ug/L	94
48) 2-Hexanone	8.143	43	517793	113.83	ug/L	99
49) Dibromochloromethane	8.249	129	337520	52.80	ug/L	99
50) 1,2-Dibromoethane	8.355	107	290056	51.69	ug/L	96
51) Chlorobenzene	8.883	112	765699	52.13	ug/L	97
52) Ethylbenzene	9.014	91	1288116	54.40	ug/L	100
53) m,p-Xylene	9.140	106	489160	54.20	ug/L	96
54) o-Xylene	9.548	106	470463	53.07	ug/L	97
55) Styrene	9.564	104	857853	57.29	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	426973	51.76	ug/L	100
59) Bromoform	9.735	173	249730	51.27	ug/L	99
60) Isopropylbenzene	9.934	105	1329237	55.96	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	345308	51.54	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1127886	55.92	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	1164562	57.89	ug/L	97
64) 1,3-Dichlorobenzene	11.188	146	639100	54.01	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	648132	53.31	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	641149	52.49	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	102168	50.88	ug/L	90
69) 1,3,5-Trichlorobenzene	12.651	180	489785	53.22	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	406294	53.86	ug/L	98
71) Naphthalene	13.509	128	1153045	54.88	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	424398	55.14	ug/L	100

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

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