

Data File : VX008673.D
Acq On : 05 Apr 2019 10:11
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Apr 05 13:55:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	87	0.00
2 M	Dichlorodifluoromethane	20.000	17.230	13.8	75	0.00
3 M	Chloromethane	20.000	17.726	11.4	76	0.00
4 M	Vinyl Chloride	20.000	17.035	14.8	75	0.00
5 M	Bromomethane	20.000	15.202	24.0	73	0.00
6 M	Chloroethane	20.000	16.161	19.2	75	0.00
7 M	Trichlorofluoromethane	20.000	17.462	12.7	76	0.00
8 T	Diethyl Ether	20.000	17.125	14.4	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.944	10.3	80	0.00
10 M	1,1-Dichloroethene	20.000	17.392	13.0	76	0.00
11	Methyl Iodide	20.000	11.605	42.0#	56	0.00
12	Methyl Acetate	20.000	17.837	10.8	78	0.00
13 M	Acrolein	100.000	173.504	-73.5#	155	0.00
14 M	Acrylonitrile	100.000	91.635	8.4	81	0.00
15 M	Acetone	100.000	112.642	-12.6	89	0.00
16 M	Carbon Disulfide	20.000	17.016	14.9	76	0.00
17	Allyl chloride	20.000	18.299	8.5	82	0.00
18 M	Methylene Chloride	20.000	18.253	8.7	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.111	9.4	80	0.00
20 T	Diisopropyl ether	20.000	18.239	8.8	80	0.00
21 M	1,1-Dichloroethane	20.000	17.973	10.1	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.262	8.7	81	0.00
23 M	tert-Butyl Alcohol	100.000	90.390	9.6	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.953	10.2	79	0.00
25 M	Chloroform	20.000	18.037	9.8	78	0.00
26	Cyclohexane	20.000	18.292	8.5	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.983	0.1	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	17.843	10.8	81	0.00
30 M	2-Butanone	100.000	95.527	4.5	83	0.00
31	2,2-Dichloropropane	20.000	18.057	9.7	83	0.00
32 M	1,1,1-Trichloroethane	20.000	17.276	13.6	78	0.00
33 M	Carbon Tetrachloride	20.000	17.331	13.3	79	0.00
34 M	Benzene	20.000	17.624	11.9	79	0.00
35	Methacrylonitrile	20.000	18.074	9.6	83	0.00
36 M	1,2-Dichloroethane	20.000	17.847	10.8	80	0.00
37 M	Trichloroethene	20.000	18.216	8.9	84	0.00
38	Methylcyclohexane	20.000	17.766	11.2	81	0.00
39 M	1,2-Dichloropropane	20.000	17.535	12.3	79	0.00
40	Dibromomethane	20.000	17.262	13.7	79	0.00
41 M	Bromodichloromethane	20.000	17.120	14.4	78	0.00
42 M	Vinyl Acetate	100.000	90.207	9.8	81	0.00
43	Ethyl Acetate	20.000	17.751	11.2	78	0.00
44	Isopropyl Acetate	20.000	17.414	12.9	79	0.00
45 T	1,4-Dioxane	400.000	347.653	13.1	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.429	12.9	79	0.00
47	n-amyl Acetate	20.000	17.146	14.3	81	0.00
48 M	t-1,3-Dichloropropene	20.000	17.122	14.4	82	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.659	11.7	82	0.00
50 M	1,1,2-Trichloroethane	20.000	17.592	12.0	81	0.00
51	Ethyl methacrylate	20.000	16.959	15.2	79	0.00
52	1,3-Dichloropropane	20.000	17.433	12.8	78	0.00
53 M	Dibromochloromethane	20.000	17.014	14.9	80	0.00
54 M	1,2-Dibromoethane	20.000	17.354	13.2	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	114.951	-15.0	115	0.00
56 M	Bromoform	20.000	16.379	18.1	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.551	10.4	80	0.00
59 M	2-Hexanone	100.000	94.437	5.6	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.047	-0.2	90	0.00
61 M	Tetrachloroethene	20.000	19.509	2.5	87	0.00
62 M	Toluene	20.000	18.013	9.9	80	0.00
63 S	Toluene-d8	30.000	30.306	-1.0	87	0.00
64 M	Chlorobenzene	20.000	17.826	10.9	80	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.919	10.4	82	0.00
66 M	Ethyl Benzene	20.000	17.860	10.7	80	0.00
67 M	m/p-Xylenes	40.000	35.599	11.0	80	0.00
68 M	o-Xylene	20.000	17.657	11.7	79	0.00
69 M	Styrene	20.000	17.713	11.4	81	0.00
70	Isopropylbenzene	20.000	18.046	9.8	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.446	12.8	78	0.00
72	1,2,3-Trichloropropane	20.000	17.758	11.2	77	0.00
73	Bromobenzene	20.000	17.856	10.7	82	0.00
74	n-propylbenzene	20.000	17.768	11.2	81	0.00
75	2-Chlorotoluene	20.000	17.689	11.6	80	0.00
76	1,3,5-Trimethylbenzene	20.000	17.655	11.7	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.635	16.8	83	0.00
78	4-Chlorotoluene	20.000	17.542	12.3	81	0.00
79	tert-butylbenzene	20.000	17.831	10.8	81	0.00
80	1,2,4-Trimethylbenzene	20.000	17.600	12.0	80	0.00
81	sec-Butylbenzene	20.000	17.539	12.3	80	0.00
82	p-Isopropyltoluene	20.000	17.831	10.8	81	0.00
83 M	1,3-Dichlorobenzene	20.000	17.872	10.6	83	0.00
84 M	1,4-Dichlorobenzene	20.000	17.905	10.5	83	0.00
85	n-Butylbenzene	20.000	17.313	13.4	81	0.00
86 T	Hexachloroethane	20.000	16.704	16.5	79	0.00
87 M	1,2-Dichlorobenzene	20.000	17.960	10.2	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.116	14.4	77	0.00
89	1,2,4-Trichlorobenzene	20.000	18.140	9.3	85	0.00
90	Hexachlorobutadiene	20.000	18.628	6.9	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040519\
Evaluate Continuing Calibration Report

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.910	10.4	79	0.00
92	1,2,3-Trichlorobenzene	20.000	18.329	8.4	83	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0