

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015755.D
 Acq On : 17 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 20 06:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	15.113	24.4	75	0.00
3 M	Chloromethane	20.000	15.542	22.3	80	0.00
4 M	Vinyl Chloride	20.000	17.972	10.1	90	0.00
5 M	Bromomethane	20.000	7.163	64.2#	28	0.00
6 M	Chloroethane	20.000	20.731	-3.7	100	0.00
7 M	Trichlorofluoromethane	20.000	17.685	11.6	86	0.00
8 T	Diethyl Ether	20.000	19.884	0.6	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.889	10.6	87	0.00
10 M	1,1-Dichloroethene	20.000	18.457	7.7	89	0.00
11	Methyl Iodide	20.000	4.225	78.9#	22	0.00
12	Methyl Acetate	20.000	18.841	5.8	91	0.00
13 M	Acrolein	100.000	68.731	31.3#	66	0.00
14 M	Acrylonitrile	100.000	95.418	4.6	91	0.00
15 M	Acetone	100.000	93.266	6.7	88	0.00
16 M	Carbon Disulfide	20.000	76.324	-281.6#	370	0.00
17	Allyl chloride	20.000	16.589	17.1	80	0.00
18 M	Methylene Chloride	20.000	18.679	6.6	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.792	6.0	91	0.00
20 T	Diisopropyl ether	20.000	18.487	7.6	88	0.00
21 M	1,1-Dichloroethane	20.000	18.356	8.2	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.061	4.7	93	0.00
23 M	tert-Butyl Alcohol	100.000	80.315	19.7	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.460	7.7	88	0.00
25 M	Chloroform	20.000	18.602	7.0	90	0.00
26	Cyclohexane	20.000	17.186	14.1	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.415	5.3	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.578	7.1	89	0.00
30 M	2-Butanone	100.000	91.873	8.1	86	0.00
31	2,2-Dichloropropane	20.000	15.241	23.8	72	0.00
32 M	1,1,1-Trichloroethane	20.000	17.546	12.3	83	0.00
33 M	Carbon Tetrachloride	20.000	17.039	14.8	81	0.00
34 M	Benzene	20.000	18.752	6.2	89	0.00
35	Methacrylonitrile	20.000	18.686	6.6	89	0.00
36 M	1,2-Dichloroethane	20.000	18.445	7.8	86	0.00
37 M	Trichloroethene	20.000	19.627	1.9	94	0.00
38	Methylcyclohexane	20.000	17.303	13.5	82	0.00
39 M	1,2-Dichloropropane	20.000	18.618	6.9	89	0.00
40	Dibromomethane	20.000	18.457	7.7	89	0.00
41 M	Bromodichloromethane	20.000	17.125	14.4	82	0.00
42 M	Vinyl Acetate	100.000	94.351	5.6	86	0.00
43	Ethyl Acetate	20.000	17.073	14.6	88	0.00
44	Isopropyl Acetate	20.000	17.708	11.5	84	0.00
45 T	1,4-Dioxane	400.000	330.547	17.4	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.483	12.6	83	0.00
47	n-amyl Acetate	20.000	17.521	12.4	85	0.00
48 M	t-1,3-Dichloropropene	20.000	16.632	16.8	80	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.287	13.6	82	0.00
50 M	1,1,2-Trichloroethane	20.000	18.833	5.8	90	0.00
51	Ethyl methacrylate	20.000	18.192	9.0	88	0.00
52	1,3-Dichloropropane	20.000	18.774	6.1	89	0.00
53 M	Dibromochloromethane	20.000	17.599	12.0	85	0.00
54 M	1,2-Dibromoethane	20.000	18.718	6.4	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.447	11.6	82	0.00
56 M	Bromoform	20.000	15.901	20.5	78	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.504	6.5	87	0.00
59 M	2-Hexanone	100.000	91.787	8.2	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.444	1.9	91	0.00
61 M	Tetrachloroethene	20.000	18.799	6.0	91	0.00
62 M	Toluene	20.000	18.980	5.1	92	0.00
63 S	Toluene-d8	30.000	29.528	1.6	90	0.00
64 M	Chlorobenzene	20.000	18.739	6.3	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.562	12.2	87	0.00
66 M	Ethyl Benzene	20.000	18.912	5.4	91	0.00
67 M	m/p-Xylenes	40.000	37.195	7.0	90	0.00
68 M	o-Xylene	20.000	18.899	5.5	92	0.00
69 M	Styrene	20.000	18.865	5.7	91	0.00
70	Isopropylbenzene	20.000	18.736	6.3	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.964	5.2	93	0.00
72	1,2,3-Trichloropropane	20.000	17.289	13.6	83	0.00
73	Bromobenzene	20.000	18.946	5.3	95	0.00
74	n-propylbenzene	20.000	18.799	6.0	90	0.00
75	2-Chlorotoluene	20.000	18.561	7.2	89	0.00
76	1,3,5-Trimethylbenzene	20.000	18.576	7.1	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	9.444	52.8#	46	0.00
78	4-Chlorotoluene	20.000	18.979	5.1	91	0.00
79	tert-butylbenzene	20.000	17.967	10.2	87	0.00
80	1,2,4-Trimethylbenzene	20.000	18.509	7.5	89	0.00
81	sec-Butylbenzene	20.000	18.108	9.5	87	0.00
82	p-Isopropyltoluene	20.000	18.423	7.9	90	0.00
83 M	1,3-Dichlorobenzene	20.000	19.003	5.0	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.345	3.3	96	0.00
85	n-Butylbenzene	20.000	18.051	9.7	88	0.00
86 T	Hexachloroethane	20.000	11.969	40.2#	61	0.00
87 M	1,2-Dichlorobenzene	20.000	19.160	4.2	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.932	20.3	77	0.00
89	1,2,4-Trichlorobenzene	20.000	18.260	8.7	95	0.00
90	Hexachlorobutadiene	20.000	15.088	24.6	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.675	1.6	95	0.00
92	1,2,3-Trichlorobenzene	20.000	18.459	7.7	94	0.00

(#) = Out of Range

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