

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015530.D
 Acq On : 07 Apr 2020 11:29
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 08 03:08:01 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	117	-0.01
2 M	Dichlorodifluoromethane	20.000	16.986	15.1	108	0.00
3 M	Chloromethane	20.000	16.830	15.9	110	0.00
4 M	Vinyl Chloride	20.000	17.391	13.0	111	0.00
5 M	Bromomethane	20.000	22.204	-11.0	112	0.00
6 M	Chloroethane	20.000	17.507	12.5	108	0.00
7 M	Trichlorofluoromethane	20.000	18.309	8.5	113	0.00
8 T	Diethyl Ether	20.000	18.530	7.3	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.648	6.8	115	0.00
10 M	1,1-Dichloroethene	20.000	17.792	11.0	110	0.00
11	Methyl Iodide	20.000	17.815	10.9	118	0.00
12	Methyl Acetate	20.000	17.243	13.8	106	0.00
13 M	Acrolein	100.000	87.308	12.7	106	0.00
14 M	Acrylonitrile	100.000	85.759	14.2	104	0.00
15 M	Acetone	100.000	95.366	4.6	114	0.00
16 M	Carbon Disulfide	20.000	17.742	11.3	109	0.00
17	Allyl chloride	20.000	17.492	12.5	108	0.00
18 M	Methylene Chloride	20.000	18.118	9.4	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.090	9.6	111	0.00
20 T	Diisopropyl ether	20.000	18.268	8.7	110	0.00
21 M	1,1-Dichloroethane	20.000	18.309	8.5	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.156	9.2	113	0.00
23 M	tert-Butyl Alcohol	100.000	74.812	25.2	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.082	9.6	110	0.00
25 M	Chloroform	20.000	18.043	9.8	111	0.00
26	Cyclohexane	20.000	18.048	9.8	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.739	-5.8	122	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	119	0.00
29	1,1-Dichloropropene	20.000	17.994	10.0	113	0.00
30 M	2-Butanone	100.000	84.778	15.2	104	0.00
31	2,2-Dichloropropane	20.000	18.458	7.7	113	0.00
32 M	1,1,1-Trichloroethane	20.000	17.654	11.7	109	0.00
33 M	Carbon Tetrachloride	20.000	17.450	12.8	108	0.00
34 M	Benzene	20.000	17.786	11.1	110	0.00
35	Methacrylonitrile	20.000	16.831	15.8	104	0.00
36 M	1,2-Dichloroethane	20.000	18.597	7.0	113	0.00
37 M	Trichloroethene	20.000	17.640	11.8	110	0.00
38	Methylcyclohexane	20.000	18.087	9.6	112	0.00
39 M	1,2-Dichloropropane	20.000	17.355	13.2	108	0.00
40	Dibromomethane	20.000	16.968	15.2	106	0.00
41 M	Bromodichloromethane	20.000	17.417	12.9	109	0.00
42 M	Vinyl Acetate	100.000	91.153	8.8	108	0.00
43	Ethyl Acetate	20.000	14.853	25.7	99	0.00
44	Isopropyl Acetate	20.000	16.935	15.3	104	0.00
45 T	1,4-Dioxane	400.000	282.282	29.4	85	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.889	15.6	105	0.00
47	n-amyl Acetate	20.000	17.412	12.9	110	0.00
48 M	t-1,3-Dichloropropene	20.000	17.386	13.1	109	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.625	11.9	110	0.00
50 M	1,1,2-Trichloroethane	20.000	17.594	12.0	110	0.00
51	Ethyl methacrylate	20.000	17.168	14.2	108	0.00
52	1,3-Dichloropropane	20.000	17.997	10.0	111	0.00
53 M	Dibromochloromethane	20.000	16.976	15.1	106	0.00
54 M	1,2-Dibromoethane	20.000	17.106	14.5	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.987	13.0	105	0.00
56 M	Bromoform	20.000	15.798	21.0	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	122	0.00
58 M	4-Methyl-2-Pentanone	100.000	85.830	14.2	103	0.00
59 M	2-Hexanone	100.000	86.807	13.2	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.514	-1.7	123	0.00
61 M	Tetrachloroethene	20.000	17.525	12.4	110	0.00
62 M	Toluene	20.000	18.035	9.8	113	0.00
63 S	Toluene-d8	30.000	30.285	-1.0	120	0.00
64 M	Chlorobenzene	20.000	17.878	10.6	114	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.349	13.3	112	0.00
66 M	Ethyl Benzene	20.000	18.120	9.4	113	0.00
67 M	m/p-Xylenes	40.000	36.335	9.2	115	0.00
68 M	o-Xylene	20.000	17.656	11.7	111	0.00
69 M	Styrene	20.000	17.843	10.8	112	0.00
70	Isopropylbenzene	20.000	18.313	8.4	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.052	14.7	109	0.00
72	1,2,3-Trichloropropane	20.000	17.494	12.5	109	0.00
73	Bromobenzene	20.000	17.662	11.7	114	0.00
74	n-propylbenzene	20.000	18.915	5.4	117	0.00
75	2-Chlorotoluene	20.000	18.263	8.7	114	0.00
76	1,3,5-Trimethylbenzene	20.000	18.181	9.1	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.781	21.1	100	0.00
78	4-Chlorotoluene	20.000	18.874	5.6	118	0.00
79	tert-butylbenzene	20.000	17.876	10.6	112	0.00
80	1,2,4-Trimethylbenzene	20.000	18.273	8.6	114	0.00
81	sec-Butylbenzene	20.000	18.342	8.3	115	0.00
82	p-Isopropyltoluene	20.000	18.615	6.9	118	0.00
83 M	1,3-Dichlorobenzene	20.000	18.011	9.9	117	0.00
84 M	1,4-Dichlorobenzene	20.000	17.971	10.1	116	0.00
85	n-Butylbenzene	20.000	19.242	3.8	122	0.00
86 T	Hexachloroethane	20.000	16.915	15.4	111	0.00
87 M	1,2-Dichlorobenzene	20.000	18.069	9.7	116	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.115	19.4	101	0.00
89	1,2,4-Trichlorobenzene	20.000	17.841	10.8	120	0.00
90	Hexachlorobutadiene	20.000	15.934	20.3	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.632	11.8	111	0.00
92	1,2,3-Trichlorobenzene	20.000	17.935	10.3	119	0.00

(#) = Out of Range

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