

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX031519\
 Data File : VX008108.D
 Acq On : 15 Mar 2019 15:23
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 16 01:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	17.949	10.3	82	0.00
3 M	Chloromethane	20.000	14.838	25.8	69	0.00
4 M	Vinyl Chloride	20.000	15.804	21.0	77	0.00
5 M	Bromomethane	20.000	21.211	-6.1	91	0.00
6 M	Chloroethane	20.000	17.044	14.8	81	0.00
7 M	Trichlorofluoromethane	20.000	17.493	12.5	86	0.00
8 T	Diethyl Ether	20.000	18.181	9.1	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.790	6.1	88	0.00
10 M	1,1-Dichloroethene	20.000	18.849	5.8	87	0.00
11	Methyl Iodide	20.000	20.041	-0.2	93	0.00
12	Methyl Acetate	20.000	16.291	18.5	78	0.00
13 M	Acrolein	100.000	83.957	16.0	84	0.00
14 M	Acrylonitrile	100.000	87.374	12.6	79	0.00
15 M	Acetone	100.000	70.035	30.0	56	0.00
16 M	Carbon Disulfide	20.000	17.144	14.3	78	0.00
17	Allyl chloride	20.000	15.535	22.3	72	0.00
18 M	Methylene Chloride	20.000	18.038	9.8	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.893	5.5	87	0.00
20 T	Diisopropyl ether	20.000	17.458	12.7	79	0.00
21 M	1,1-Dichloroethane	20.000	18.343	8.3	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.810	1.0	92	0.00
23 M	tert-Butyl Alcohol	100.000	96.495	3.5	85	0.01
24 M	Methyl tert-Butyl Ether	20.000	18.325	8.4	85	0.00
25 M	Chloroform	20.000	19.364	3.2	89	0.00
26	Cyclohexane	20.000	17.404	13.0	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.048	6.5	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	18.845	5.8	86	0.00
30 M	2-Butanone	100.000	87.241	12.8	73	0.00
31	2,2-Dichloropropane	20.000	18.993	5.0	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.255	-1.3	93	0.00
33 M	Carbon Tetrachloride	20.000	19.995	0.0	93	0.00
34 M	Benzene	20.000	19.330	3.4	88	0.00
35	Methacrylonitrile	20.000	17.720	11.4	80	0.00
36 M	1,2-Dichloroethane	20.000	19.230	3.8	87	0.00
37 M	Trichloroethene	20.000	20.343	-1.7	94	0.00
38	Methylcyclohexane	20.000	18.307	8.5	86	0.00
39 M	1,2-Dichloropropane	20.000	19.036	4.8	87	0.00
40	Dibromomethane	20.000	19.581	2.1	90	0.00
41 M	Bromodichloromethane	20.000	18.748	6.3	87	0.00
42 M	Vinyl Acetate	100.000	89.337	10.7	79	0.00
43	Ethyl Acetate	20.000	18.217	8.9	82	0.00
44	Isopropyl Acetate	20.000	17.894	10.5	82	0.00
45 T	1,4-Dioxane	400.000	446.402	-11.6	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.894	10.5	81	0.00
47	n-amyl Acetate	20.000	17.335	13.3	78	0.00
48 M	t-1,3-Dichloropropene	20.000	18.873	5.6	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.912	5.4	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.053	-0.3	90	0.00
51	Ethyl methacrylate	20.000	19.199	4.0	87	0.00
52	1,3-Dichloropropane	20.000	19.553	2.2	88	0.00
53 M	Dibromochloromethane	20.000	20.058	-0.3	93	0.00
54 M	1,2-Dibromoethane	20.000	20.409	-2.0	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.488	9.5	85	0.00
56 M	Bromoform	20.000	20.179	-0.9	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.970	5.0	81	0.00
59 M	2-Hexanone	100.000	91.609	8.4	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.130	2.9	89	0.00
61 M	Tetrachloroethene	20.000	21.535	-7.7	96	0.00
62 M	Toluene	20.000	19.738	1.3	89	0.00
63 S	Toluene-d8	30.000	29.322	2.3	90	0.00
64 M	Chlorobenzene	20.000	20.189	-0.9	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.849	-4.2	96	0.00
66 M	Ethyl Benzene	20.000	19.138	4.3	87	0.00
67 M	m/p-Xylenes	40.000	39.310	1.7	89	0.00
68 M	o-Xylene	20.000	19.856	0.7	90	0.00
69 M	Styrene	20.000	19.969	0.2	90	0.00
70	Isopropylbenzene	20.000	19.823	0.9	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.147	-0.7	88	0.00
72	1,2,3-Trichloropropane	20.000	20.614	-3.1	90	0.00
73	Bromobenzene	20.000	20.755	-3.8	93	0.00
74	n-propylbenzene	20.000	19.086	4.6	86	0.00
75	2-Chlorotoluene	20.000	19.341	3.3	87	0.00
76	1,3,5-Trimethylbenzene	20.000	19.811	0.9	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.214	3.9	92	0.00
78	4-Chlorotoluene	20.000	19.219	3.9	86	0.00
79	tert-butylbenzene	20.000	19.667	1.7	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.929	0.4	90	0.00
81	sec-Butylbenzene	20.000	19.340	3.3	88	0.00
82	p-Isopropyltoluene	20.000	19.667	1.7	89	0.00
83 M	1,3-Dichlorobenzene	20.000	20.266	-1.3	93	0.00
84 M	1,4-Dichlorobenzene	20.000	20.042	-0.2	91	0.00
85	n-Butylbenzene	20.000	18.002	10.0	84	0.00
86 T	Hexachloroethane	20.000	19.047	4.8	91	0.00
87 M	1,2-Dichlorobenzene	20.000	20.722	-3.6	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.983	0.1	90	0.00
89	1,2,4-Trichlorobenzene	20.000	19.837	0.8	91	0.00
90	Hexachlorobutadiene	20.000	19.873	0.6	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.514	-2.6	93	0.00
92	1,2,3-Trichlorobenzene	20.000	20.376	-1.9	93	0.00

(#) = Out of Range

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