

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX102819\
 Data File : VX013259.D
 Acq On : 28 Oct 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 29 14:33:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	17.818	10.9	72	0.00
3 M	Chloromethane	20.000	16.073	19.6	67	0.00
4 M	Vinyl Chloride	20.000	16.700	16.5	69	0.00
5 M	Bromomethane	20.000	20.962	-4.8	75	0.00
6 M	Chloroethane	20.000	16.787	16.1	68	0.00
7 M	Trichlorofluoromethane	20.000	18.734	6.3	77	0.00
8 T	Diethyl Ether	20.000	17.490	12.6	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.752	11.2	75	0.00
10 M	1,1-Dichloroethene	20.000	17.408	13.0	72	0.00
11	Methyl Iodide	20.000	15.909	20.5	69	0.00
12	Methyl Acetate	20.000	17.276	13.6	70	0.00
13 M	Acrolein	100.000	93.344	6.7	72	0.00
14 M	Acrylonitrile	100.000	87.585	12.4	71	0.00
15 M	Acetone	100.000	78.005	22.0	60	0.00
16 M	Carbon Disulfide	20.000	16.490	17.6	70	0.00
17	Allyl chloride	20.000	16.651	16.7	69	0.00
18 M	Methylene Chloride	20.000	17.086	14.6	71	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.518	12.4	72	0.00
20 T	Diisopropyl ether	20.000	17.433	12.8	71	0.00
21 M	1,1-Dichloroethane	20.000	17.822	10.9	74	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.703	11.5	72	0.00
23 M	tert-Butyl Alcohol	100.000	80.619	19.4	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.175	9.1	76	0.00
25 M	Chloroform	20.000	18.893	5.5	78	0.00
26	Cyclohexane	20.000	16.849	15.8	70	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.929	-3.1	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	18.633	6.8	73	0.00
30 M	2-Butanone	100.000	87.616	12.4	67	0.00
31	2,2-Dichloropropane	20.000	17.917	10.4	72	0.00
32 M	1,1,1-Trichloroethane	20.000	20.097	-0.5	80	0.00
33 M	Carbon Tetrachloride	20.000	19.842	0.8	80	0.00
34 M	Benzene	20.000	18.409	8.0	72	0.00
35	Methacrylonitrile	20.000	17.880	10.6	71	0.00
36 M	1,2-Dichloroethane	20.000	20.031	-0.2	78	0.00
37 M	Trichloroethene	20.000	19.370	3.1	77	0.00
38	Methylcyclohexane	20.000	17.461	12.7	71	0.00
39 M	1,2-Dichloropropane	20.000	18.326	8.4	72	0.00
40	Dibromomethane	20.000	19.116	4.4	75	0.00
41 M	Bromodichloromethane	20.000	19.006	5.0	76	0.00
42 M	Vinyl Acetate	100.000	88.851	11.1	69	0.00
43	Ethyl Acetate	20.000	18.437	7.8	74	0.00
44	Isopropyl Acetate	20.000	17.843	10.8	70	0.00
45 T	1,4-Dioxane	400.000	313.098	21.7	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.739	11.3	70	0.00
47	n-amyl Acetate	20.000	17.724	11.4	74	0.00
48 M	t-1,3-Dichloropropene	20.000	18.136	9.3	75	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.496	7.5	74	0.00
50 M	1,1,2-Trichloroethane	20.000	19.027	4.9	75	0.00
51	Ethyl methacrylate	20.000	18.254	8.7	74	0.00
52	1,3-Dichloropropane	20.000	19.135	4.3	75	0.00
53 M	Dibromochloromethane	20.000	19.771	1.1	81	0.00
54 M	1,2-Dibromoethane	20.000	19.503	2.5	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.115	4.9	76	0.00
56 M	Bromoform	20.000	18.529	7.4	78	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.964	10.0	70	0.00
59 M	2-Hexanone	100.000	87.840	12.2	68	0.00
60 S	4-Bromofluorobenzene	30.000	30.667	-2.2	82	0.00
61 M	Tetrachloroethene	20.000	20.272	-1.4	77	0.00
62 M	Toluene	20.000	18.760	6.2	74	0.00
63 S	Toluene-d8	30.000	30.860	-2.9	80	0.00
64 M	Chlorobenzene	20.000	18.341	8.3	73	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.278	3.6	76	0.00
66 M	Ethyl Benzene	20.000	18.898	5.5	76	0.00
67 M	m/p-Xylenes	40.000	36.525	8.7	73	0.00
68 M	o-Xylene	20.000	18.772	6.1	77	0.00
69 M	Styrene	20.000	18.653	6.7	75	0.00
70	Isopropylbenzene	20.000	19.050	4.7	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.924	10.4	73	0.00
72	1,2,3-Trichloropropane	20.000	20.716	-3.6	75	0.00
73	Bromobenzene	20.000	18.966	5.2	78	0.00
74	n-propylbenzene	20.000	17.857	10.7	72	0.00
75	2-Chlorotoluene	20.000	17.701	11.5	71	0.00
76	1,3,5-Trimethylbenzene	20.000	18.459	7.7	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.173	19.1	69	0.00
78	4-Chlorotoluene	20.000	18.714	6.4	77	0.00
79	tert-butylbenzene	20.000	18.734	6.3	79	0.00
80	1,2,4-Trimethylbenzene	20.000	18.808	6.0	78	0.00
81	sec-Butylbenzene	20.000	17.652	11.7	72	0.00
82	p-Isopropyltoluene	20.000	18.178	9.1	75	0.00
83 M	1,3-Dichlorobenzene	20.000	18.851	5.7	79	0.00
84 M	1,4-Dichlorobenzene	20.000	18.831	5.8	78	0.00
85	n-Butylbenzene	20.000	17.520	12.4	74	0.00
86 T	Hexachloroethane	20.000	17.696	11.5	75	0.00
87 M	1,2-Dichlorobenzene	20.000	18.669	6.7	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.964	5.2	76	0.00
89	1,2,4-Trichlorobenzene	20.000	18.444	7.8	78	0.00
90	Hexachlorobutadiene	20.000	18.293	8.5	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.219	8.9	75	0.00
92	1,2,3-Trichlorobenzene	20.000	18.235	8.8	76	0.00

(#) = Out of Range

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