

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027315.D
 Acq On : 04 Mar 2022 20:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 01:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	90	0.00
2 M	Dichlorodifluoromethane	20.000	18.400	8.0	79	0.00
3 M	Chloromethane	20.000	17.116	14.4	74	0.00
4 M	Vinyl Chloride	20.000	17.605	12.0	77	0.00
5 M	Bromomethane	20.000	19.999	0.0	82	0.00
6 M	Chloroethane	20.000	18.914	5.4	84	0.00
7 M	Trichlorofluoromethane	20.000	19.547	2.3	87	0.00
8 T	Diethyl Ether	20.000	18.314	8.4	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.923	10.4	79	0.00
10 M	1,1-Dichloroethene	20.000	17.907	10.5	80	0.00
11	Methyl Iodide	20.000	17.746	11.3	91	0.00
12	Methyl Acetate	20.000	17.935	10.3	80	0.00
13 M	Acrolein	100.000	105.082	-5.1	98	0.00
14 M	Acrylonitrile	100.000	90.280	9.7	80	0.00
15 M	Acetone	100.000	85.605	14.4	73	0.00
16 M	Carbon Disulfide	20.000	17.493	12.5	79	0.00
17	Allyl chloride	20.000	17.181	14.1	77	0.00
18 M	Methylene Chloride	20.000	17.153	14.2	76	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.930	10.4	81	0.00
20 T	Diisopropyl ether	20.000	17.959	10.2	80	0.00
21 M	1,1-Dichloroethane	20.000	18.173	9.1	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.166	9.2	81	0.00
23 M	tert-Butyl Alcohol	100.000	90.070	9.9	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.259	8.7	81	0.00
25 M	Chloroform	20.000	18.452	7.7	82	0.00
26	Cyclohexane	20.000	17.612	11.9	79	-0.01
27 s	1,2-Dichloroethane-d4	30.000	30.904	-3.0	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	18.494	7.5	83	0.00
30 M	2-Butanone	100.000	89.101	10.9	78	0.00
31	2,2-Dichloropropane	20.000	16.616	16.9	76	0.00
32 M	1,1,1-Trichloroethane	20.000	18.389	8.1	83	0.00
33 M	Carbon Tetrachloride	20.000	18.757	6.2	85	0.00
34 M	Benzene	20.000	18.447	7.8	81	0.00
35	Methacrylonitrile	20.000	17.202	14.0	75	0.00
36 M	1,2-Dichloroethane	20.000	18.991	5.0	83	0.00
37 M	Trichloroethene	20.000	18.170	9.1	83	0.00
38	Methylcyclohexane	20.000	18.134	9.3	82	0.00
39 M	1,2-Dichloropropane	20.000	18.262	8.7	81	0.00
40	Dibromomethane	20.000	18.818	5.9	85	0.00
41 M	Bromodichloromethane	20.000	18.745	6.3	85	0.00
42 M	Vinyl Acetate	100.000	89.702	10.3	79	0.00
43	Ethyl Acetate	20.000	17.354	13.2	79	0.00
44	Isopropyl Acetate	20.000	17.487	12.6	79	0.00
45 T	1,4-Dioxane	400.000	367.790	8.1	82	0.00
46	Methyl methacrylate	20.000	18.229	8.9	81	0.00
47	n-amyl Acetate	20.000	17.537	12.3	81	0.00
48 M	t-1,3-Dichloropropene	20.000	17.700	11.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.676	11.6	80	0.00
50 M	1,1,2-Trichloroethane	20.000	18.736	6.3	85	0.00
51	Ethyl methacrylate	20.000	17.921	10.4	83	0.00
52	1,3-Dichloropropane	20.000	18.388	8.1	83	0.00
53 M	Dibromochloromethane	20.000	18.287	8.6	85	0.00
54 M	1,2-Dibromoethane	20.000	18.378	8.1	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.864	8.1	83	0.00
56 M	Bromoform	20.000	17.844	10.8	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.296	5.7	82	0.00
59 M	2-Hexanone	100.000	91.763	8.2	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.073	-0.2	92	0.00
61 M	Tetrachloroethene	20.000	18.721	6.4	82	0.00
62 M	Toluene	20.000	18.675	6.6	83	0.00
63 S	Toluene-d8	30.000	29.958	0.1	84	0.00
64 M	Chlorobenzene	20.000	18.226	8.9	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.847	5.8	87	0.00
66 M	Ethyl Benzene	20.000	18.496	7.5	82	0.00
67 M	m/p-Xylenes	40.000	36.922	7.7	82	0.00
68 M	o-Xylene	20.000	18.539	7.3	82	0.00
69 M	Styrene	20.000	18.432	7.8	82	0.00
70	Isopropylbenzene	20.000	18.612	6.9	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.489	-2.4	91	0.00
72	1,2,3-Trichloropropane	20.000	18.462	7.7	82	0.00
73	Bromobenzene	20.000	18.479	7.6	82	0.00
74	n-propylbenzene	20.000	18.538	7.3	84	0.00
75	2-Chlorotoluene	20.000	18.520	7.4	83	0.00
76	1,3,5-Trimethylbenzene	20.000	18.745	6.3	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.625	16.9	82	0.00
78	4-Chlorotoluene	20.000	18.338	8.3	82	0.00
79	tert-butylbenzene	20.000	18.649	6.8	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.712	6.4	84	0.00
81	sec-Butylbenzene	20.000	17.867	10.7	81	0.00
82	p-Isopropyltoluene	20.000	18.252	8.7	81	0.00
83 M	1,3-Dichlorobenzene	20.000	18.359	8.2	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.834	5.8	87	0.00
85	n-Butylbenzene	20.000	17.413	12.9	81	0.00
86 T	Hexachloroethane	20.000	18.767	6.2	90	0.00
87 M	1,2-Dichlorobenzene	20.000	18.974	5.1	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.745	11.3	83	0.00
89	1,2,4-Trichlorobenzene	20.000	17.556	12.2	82	0.00
90	Hexachlorobutadiene	20.000	17.954	10.2	83	0.00
91 M	Naphthalene	20.000	18.217	8.9	83	0.00
92	1,2,3-Trichlorobenzene	20.000	18.177	9.1	85	0.00

(#) = Out of Range

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