

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028621.D
 Acq On : 11 May 2022 14:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 12 04:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 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	78	0.00
2 M	Dichlorodifluoromethane	20.000	18.190	9.0	69	0.00
3 M	Chloromethane	20.000	18.948	5.3	73	0.00
4 M	Vinyl Chloride	20.000	19.659	1.7	76	0.00
5 M	Bromomethane	20.000	18.895	5.5	75	0.00
6 M	Chloroethane	20.000	19.896	0.5	78	0.00
7 M	Trichlorofluoromethane	20.000	19.979	0.1	79	0.00
8 T	Diethyl Ether	20.000	19.761	1.2	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.161	4.2	79	0.00
10 M	1,1-Dichloroethene	20.000	18.534	7.3	76	0.00
11	Methyl Iodide	20.000	17.051	14.7	74	0.00
12	Methyl Acetate	20.000	19.569	2.2	76	0.00
13 M	Acrolein	100.000	78.375	21.6	64	0.00
14 M	Acrylonitrile	100.000	93.951	6.0	72	0.00
15 M	Acetone	100.000	95.362	4.6	74	0.00
16 M	Carbon Disulfide	20.000	19.483	2.6	83	0.00
17	Allyl chloride	20.000	17.789	11.1	72	0.00
18 M	Methylene Chloride	20.000	18.850	5.7	76	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.165	4.2	77	0.00
20 T	Diisopropyl ether	20.000	19.295	3.5	76	0.00
21 M	1,1-Dichloroethane	20.000	19.030	4.8	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.687	6.6	74	0.00
23 M	tert-Butyl Alcohol	100.000	72.103	27.9#	56	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.194	9.0	72	0.00
25 M	Chloroform	20.000	19.484	2.6	77	0.00
26	Cyclohexane	20.000	18.808	6.0	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.692	-5.6	82	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	18.745	6.3	74	0.00
30 M	2-Butanone	100.000	93.486	6.5	72	0.00
31	2,2-Dichloropropane	20.000	17.523	12.4	71	0.00
32 M	1,1,1-Trichloroethane	20.000	18.985	5.1	77	0.00
33 M	Carbon Tetrachloride	20.000	18.698	6.5	76	0.00
34 M	Benzene	20.000	19.287	3.6	77	0.00
35	Methacrylonitrile	20.000	18.681	6.6	71	0.00
36 M	1,2-Dichloroethane	20.000	19.638	1.8	77	0.00
37 M	Trichloroethene	20.000	18.706	6.5	76	0.00
38	Methylcyclohexane	20.000	19.123	4.4	76	0.00
39 M	1,2-Dichloropropane	20.000	19.144	4.3	76	0.00
40	Dibromomethane	20.000	19.549	2.3	77	0.00
41 M	Bromodichloromethane	20.000	19.629	1.9	82	0.00
42 M	Vinyl Acetate	100.000	95.200	4.8	74	0.00
43	Ethyl Acetate	20.000	18.218	8.9	71	0.00
44	Isopropyl Acetate	20.000	17.915	10.4	72	0.00
45 T	1,4-Dioxane	400.000	353.538	11.6	68	0.00
46	Methyl methacrylate	20.000	18.865	5.7	76	0.00
47	n-amyl Acetate	20.000	18.128	9.4	75	0.00
48 M	t-1,3-Dichloropropene	20.000	17.565	12.2	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.118	9.4	74	0.00
50 M	1,1,2-Trichloroethane	20.000	19.849	0.8	80	0.00
51	Ethyl methacrylate	20.000	18.440	7.8	75	0.00
52	1,3-Dichloropropane	20.000	19.386	3.1	77	0.00
53 M	Dibromochloromethane	20.000	19.246	3.8	82	0.00
54 M	1,2-Dibromoethane	20.000	19.146	4.3	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.421	2.6	79	0.00
56 M	Bromoform	20.000	18.380	8.1	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.000	4.0	74	0.00
59 M	2-Hexanone	100.000	95.748	4.3	74	0.00
60 S	4-Bromofluorobenzene	30.000	30.613	-2.0	82	0.00
61 M	Tetrachloroethene	20.000	18.880	5.6	77	0.00
62 M	Toluene	20.000	19.298	3.5	77	0.00
63 S	Toluene-d8	30.000	30.892	-3.0	81	0.00
64 M	Chlorobenzene	20.000	18.860	5.7	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.393	8.0	76	0.00
66 M	Ethyl Benzene	20.000	19.269	3.7	77	0.00
67 M	m/p-Xylenes	40.000	38.095	4.8	77	0.00
68 M	o-Xylene	20.000	19.095	4.5	77	0.00
69 M	Styrene	20.000	19.333	3.3	79	0.00
70	Isopropylbenzene	20.000	19.591	2.0	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.707	1.5	79	0.00
72	1,2,3-Trichloropropane	20.000	19.377	3.1	77	0.00
73	Bromobenzene	20.000	18.724	6.4	78	0.00
74	n-propylbenzene	20.000	19.729	1.4	80	0.00
75	2-Chlorotoluene	20.000	19.584	2.1	79	0.00
76	1,3,5-Trimethylbenzene	20.000	19.598	2.0	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.492	17.5	77	0.00
78	4-Chlorotoluene	20.000	19.733	1.3	81	0.00
79	tert-butylbenzene	20.000	18.906	5.5	79	0.00
80	1,2,4-Trimethylbenzene	20.000	19.337	3.3	79	0.00
81	sec-Butylbenzene	20.000	19.731	1.3	81	0.00
82	p-Isopropyltoluene	20.000	19.357	3.2	80	0.00
83 M	1,3-Dichlorobenzene	20.000	19.129	4.4	79	0.00
84 M	1,4-Dichlorobenzene	20.000	18.869	5.7	79	0.00
85	n-Butylbenzene	20.000	19.760	1.2	83	0.00
86 T	Hexachloroethane	20.000	19.004	5.0	85	0.00
87 M	1,2-Dichlorobenzene	20.000	18.956	5.2	78	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.332	8.3	77	0.00
89	1,2,4-Trichlorobenzene	20.000	18.344	8.3	79	0.00
90	Hexachlorobutadiene	20.000	18.901	5.5	81	0.00
91 M	Naphthalene	20.000	17.425	12.9	72	0.00
92	1,2,3-Trichlorobenzene	20.000	18.644	6.8	80	0.00

(#) = Out of Range

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