

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041550.D
 Acq On : 16 May 2024 09:09
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 17 02:30:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	20.180	-0.9	117	0.00
3 M	Chloromethane	20.000	18.818	5.9	102	0.00
4 M	Vinyl Chloride	20.000	17.342	13.3	95	0.00
5 M	Bromomethane	20.000	18.189	9.1	103	0.00
6 M	Chloroethane	20.000	19.339	3.3	108	0.00
7 M	Trichlorofluoromethane	20.000	21.536	-7.7	117	0.00
8 T	Diethyl Ether	20.000	19.284	3.6	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.559	-7.8	109	0.00
10 M	1,1-Dichloroethene	20.000	20.388	-1.9	103	0.00
11	Methyl Iodide	20.000	21.812	-9.1	119	0.00
12	Methyl Acetate	20.000	19.769	1.2	106	0.00
13 M	Acrolein	100.000	97.680	2.3	103	0.00
14 M	Acrylonitrile	100.000	94.675	5.3	106	0.00
15 M	Acetone	100.000	120.792	-20.8	124	0.00
16 M	Carbon Disulfide	20.000	19.097	4.5	109	0.00
17	Allyl chloride	20.000	19.722	1.4	106	0.00
18 M	Methylene Chloride	20.000	19.921	0.4	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.674	6.6	103	0.00
20 T	Diisopropyl ether	20.000	19.235	3.8	105	0.00
21 M	1,1-Dichloroethane	20.000	19.099	4.5	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.821	5.9	106	0.00
23 M	tert-Butyl Alcohol	100.000	92.831	7.2	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.879	5.6	105	0.00
25 M	Chloroform	20.000	19.155	4.2	106	0.00
26	Cyclohexane	20.000	19.173	4.1	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.225	-4.1	111	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	18.931	5.3	107	0.00
30 M	2-Butanone	100.000	99.536	0.5	112	0.00
31	2,2-Dichloropropane	20.000	18.836	5.8	106	0.00
32 M	1,1,1-Trichloroethane	20.000	18.438	7.8	105	0.00
33 M	Carbon Tetrachloride	20.000	18.640	6.8	107	-0.01
34 M	Benzene	20.000	19.033	4.8	106	0.00
35	Methacrylonitrile	20.000	18.856	5.7	106	0.00
36 M	1,2-Dichloroethane	20.000	19.285	3.6	108	0.00
37 M	Trichloroethene	20.000	18.582	7.1	105	0.00
38	Methylcyclohexane	20.000	18.556	7.2	104	0.00
39 M	1,2-Dichloropropane	20.000	19.071	4.6	105	0.00
40	Dibromomethane	20.000	18.699	6.5	108	0.00
41 M	Bromodichloromethane	20.000	18.313	8.4	107	0.00
42 M	Vinyl Acetate	100.000	94.311	5.7	106	0.00
43	Ethyl Acetate	20.000	18.736	6.3	106	0.00
44	Isopropyl Acetate	20.000	18.262	8.7	104	0.00
45 T	1,4-Dioxane	400.000	381.269	4.7	105	0.00
46	Methyl methacrylate	20.000	18.446	7.8	106	0.00
47	n-amyl Acetate	20.000	18.363	8.2	106	0.00
48 M	t-1,3-Dichloropropene	20.000	17.642	11.8	106	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.188	9.1	107	0.00
50 M	1,1,2-Trichloroethane	20.000	18.548	7.3	105	0.00
51	Ethyl methacrylate	20.000	17.966	10.2	105	0.00
52	1,3-Dichloropropane	20.000	18.716	6.4	104	0.00
53 M	Dibromochloromethane	20.000	18.497	7.5	110	0.00
54 M	1,2-Dibromoethane	20.000	19.179	4.1	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.773	2.2	108	0.00
56 M	Bromoform	20.000	17.955	10.2	112	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.214	2.8	107	0.00
59 M	2-Hexanone	100.000	96.474	3.5	109	0.00
60 S	4-Bromofluorobenzene	30.000	30.901	-3.0	112	0.00
61 M	Tetrachloroethene	20.000	18.850	5.7	107	0.00
62 M	Toluene	20.000	18.905	5.5	106	0.00
63 S	Toluene-d8	30.000	30.283	-0.9	110	0.00
64 M	Chlorobenzene	20.000	18.965	5.2	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.615	6.9	107	0.00
66 M	Ethyl Benzene	20.000	18.695	6.5	105	0.00
67 M	m/p-Xylenes	40.000	38.721	3.2	106	0.00
68 M	o-Xylene	20.000	18.921	5.4	108	0.00
69 M	Styrene	20.000	18.657	6.7	107	0.00
70	Isopropylbenzene	20.000	19.326	3.4	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.057	4.7	108	0.00
72	1,2,3-Trichloropropane	20.000	19.615	1.9	109	0.00
73	Bromobenzene	20.000	18.839	5.8	108	0.00
74	n-propylbenzene	20.000	19.186	4.1	108	0.00
75	2-Chlorotoluene	20.000	19.044	4.8	107	0.00
76	1,3,5-Trimethylbenzene	20.000	18.947	5.3	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.822	10.9	110	0.00
78	4-Chlorotoluene	20.000	18.976	5.1	107	0.00
79	tert-butylbenzene	20.000	18.842	5.8	107	0.00
80	1,2,4-Trimethylbenzene	20.000	18.935	5.3	106	0.00
81	sec-Butylbenzene	20.000	19.053	4.7	108	0.00
82	p-Isopropyltoluene	20.000	19.066	4.7	109	0.00
83 M	1,3-Dichlorobenzene	20.000	18.875	5.6	109	0.00
84 M	1,4-Dichlorobenzene	20.000	18.816	5.9	109	0.00
85	n-Butylbenzene	20.000	18.499	7.5	110	0.00
86 T	Hexachloroethane	20.000	17.892	10.5	109	0.00
87 M	1,2-Dichlorobenzene	20.000	18.696	6.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.070	9.6	107	0.00
89	1,2,4-Trichlorobenzene	20.000	18.648	6.8	110	0.00
90	Hexachlorobutadiene	20.000	18.901	5.5	109	0.00
91 M	Naphthalene	20.000	18.557	7.2	108	0.00
92	1,2,3-Trichlorobenzene	20.000	19.047	4.8	109	0.00

(#) = Out of Range

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