

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041548.D
 Acq On : 15 May 2024 18:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 05:29:48 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	19.050	4.7	105	0.00
3 M	Chloromethane	20.000	18.635	6.8	96	0.00
4 M	Vinyl Chloride	20.000	17.520	12.4	91	0.00
5 M	Bromomethane	20.000	18.391	8.0	99	0.00
6 M	Chloroethane	20.000	20.037	-0.2	106	0.00
7 M	Trichlorofluoromethane	20.000	18.950	5.3	98	0.00
8 T	Diethyl Ether	20.000	17.938	10.3	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.843	0.8	95	0.00
10 M	1,1-Dichloroethene	20.000	20.247	-1.2	97	0.00
11	Methyl Iodide	20.000	22.247	-11.2	116	0.00
12	Methyl Acetate	20.000	19.530	2.3	100	0.00
13 M	Acrolein	100.000	71.815	28.2#	72	0.00
14 M	Acrylonitrile	100.000	94.399	5.6	100	0.00
15 M	Acetone	100.000	90.697	9.3	88	0.00
16 M	Carbon Disulfide	20.000	18.517	7.4	101	0.00
17	Allyl chloride	20.000	18.658	6.7	95	0.00
18 M	Methylene Chloride	20.000	19.796	1.0	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.332	8.3	96	0.00
20 T	Diisopropyl ether	20.000	18.792	6.0	97	0.00
21 M	1,1-Dichloroethane	20.000	18.615	6.9	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.439	7.8	99	0.00
23 M	tert-Butyl Alcohol	100.000	95.981	4.0	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.562	7.2	98	0.00
25 M	Chloroform	20.000	18.733	6.3	98	0.00
26	Cyclohexane	20.000	18.251	8.7	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.022	3.3	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.570	7.1	95	0.00
30 M	2-Butanone	100.000	95.610	4.4	97	0.00
31	2,2-Dichloropropane	20.000	17.616	11.9	89	0.00
32 M	1,1,1-Trichloroethane	20.000	19.054	4.7	97	0.00
33 M	Carbon Tetrachloride	20.000	18.728	6.4	97	0.00
34 M	Benzene	20.000	19.504	2.5	97	0.00
35	Methacrylonitrile	20.000	19.736	1.3	100	0.00
36 M	1,2-Dichloroethane	20.000	19.585	2.1	98	0.00
37 M	Trichloroethene	20.000	18.867	5.7	96	0.00
38	Methylcyclohexane	20.000	18.274	8.6	92	0.00
39 M	1,2-Dichloropropane	20.000	19.079	4.6	94	0.00
40	Dibromomethane	20.000	19.201	4.0	99	0.00
41 M	Bromodichloromethane	20.000	18.732	6.3	98	0.00
42 M	Vinyl Acetate	100.000	96.938	3.1	98	0.00
43	Ethyl Acetate	20.000	18.076	9.6	92	0.00
44	Isopropyl Acetate	20.000	19.217	3.9	99	0.00
45 T	1,4-Dioxane	400.000	369.642	7.6	92	0.00
46	Methyl methacrylate	20.000	19.459	2.7	100	0.00
47	n-amyl Acetate	20.000	18.645	6.8	97	0.00
48 M	t-1,3-Dichloropropene	20.000	17.898	10.5	96	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	18.196	9.0	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.454	2.7	99	0.00
51	Ethyl methacrylate	20.000	18.767	6.2	98	0.00
52	1,3-Dichloropropane	20.000	19.507	2.5	98	0.00
53 M	Dibromochloromethane	20.000	18.164	9.2	97	0.00
54 M	1,2-Dibromoethane	20.000	19.364	3.2	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.106	11.9	88	0.00
56 M	Bromoform	20.000	17.949	10.3	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.994	-1.0	99	0.00
59 M	2-Hexanone	100.000	97.006	3.0	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.404	-1.3	98	0.00
61 M	Tetrachloroethene	20.000	19.122	4.4	96	0.00
62 M	Toluene	20.000	19.426	2.9	97	0.00
63 S	Toluene-d8	30.000	30.363	-1.2	98	0.00
64 M	Chlorobenzene	20.000	19.569	2.2	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.997	5.0	97	0.00
66 M	Ethyl Benzene	20.000	19.549	2.3	98	0.00
67 M	m/p-Xylenes	40.000	39.316	1.7	96	0.00
68 M	o-Xylene	20.000	19.275	3.6	97	0.00
69 M	Styrene	20.000	19.156	4.2	97	0.00
70	Isopropylbenzene	20.000	19.933	0.3	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.091	-0.5	101	0.00
72	1,2,3-Trichloropropane	20.000	20.359	-1.8	101	0.00
73	Bromobenzene	20.000	19.419	2.9	99	0.00
74	n-propylbenzene	20.000	19.320	3.4	97	0.00
75	2-Chlorotoluene	20.000	19.621	1.9	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.531	2.3	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.990	15.1	93	0.00
78	4-Chlorotoluene	20.000	19.271	3.6	96	0.00
79	tert-butylbenzene	20.000	18.584	7.1	94	0.00
80	1,2,4-Trimethylbenzene	20.000	18.449	7.8	91	0.00
81	sec-Butylbenzene	20.000	19.289	3.6	97	0.00
82	p-Isopropyltoluene	20.000	19.163	4.2	97	0.00
83 M	1,3-Dichlorobenzene	20.000	18.736	6.3	96	0.00
84 M	1,4-Dichlorobenzene	20.000	18.897	5.5	97	0.00
85	n-Butylbenzene	20.000	18.073	9.6	96	0.00
86 T	Hexachloroethane	20.000	16.668	16.7	90	0.00
87 M	1,2-Dichlorobenzene	20.000	19.164	4.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.177	4.1	100	0.00
89	1,2,4-Trichlorobenzene	20.000	18.241	8.8	96	0.00
90	Hexachlorobutadiene	20.000	18.833	5.8	96	0.00
91 M	Naphthalene	20.000	19.345	3.3	99	0.00
92	1,2,3-Trichlorobenzene	20.000	19.322	3.4	98	0.00

(#) = Out of Range

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