

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042853.D
 Acq On : 02 Aug 2024 19:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 06:25:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:32:14 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	17.485	12.6	89	0.00
3 M	Chloromethane	20.000	15.544	22.3	79	0.00
4 M	Vinyl Chloride	20.000	17.389	13.1	90	0.00
5 M	Bromomethane	20.000	18.799	6.0	72	0.00
6 M	Chloroethane	20.000	17.583	12.1	77	0.00
7 M	Trichlorofluoromethane	20.000	18.600	7.0	93	0.00
8 T	Diethyl Ether	20.000	17.570	12.1	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.202	14.0	88	0.00
10 M	1,1-Dichloroethene	20.000	18.818	5.9	95	0.00
11	Methyl Iodide	20.000	17.178	14.1	90	0.00
12	Methyl Acetate	20.000	20.189	-0.9	90	0.00
13 M	Acrolein	100.000	64.615	35.4#	75	0.00
14 M	Acrylonitrile	100.000	90.221	9.8	89	0.00
15 M	Acetone	100.000	76.919	23.1	84	0.00
16 M	Carbon Disulfide	20.000	17.076	14.6	94	0.00
17	Allyl chloride	20.000	18.235	8.8	90	0.00
18 M	Methylene Chloride	20.000	19.526	2.4	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.127	9.4	93	0.00
20 T	Diisopropyl ether	20.000	18.679	6.6	89	0.00
21 M	1,1-Dichloroethane	20.000	18.073	9.6	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.849	5.8	92	0.00
23 M	tert-Butyl Alcohol	100.000	86.114	13.9	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.111	9.4	91	0.00
25 M	Chloroform	20.000	19.372	3.1	95	0.00
26	Cyclohexane	20.000	17.488	12.6	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.575	4.8	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	18.569	7.2	92	0.00
30 M	2-Butanone	100.000	88.534	11.5	87	0.00
31	2,2-Dichloropropane	20.000	14.666	26.7#	73	0.00
32 M	1,1,1-Trichloroethane	20.000	19.221	3.9	94	0.00
33 M	Carbon Tetrachloride	20.000	19.073	4.6	92	0.00
34 M	Benzene	20.000	19.123	4.4	91	0.00
35	Methacrylonitrile	20.000	18.033	9.8	87	0.00
36 M	1,2-Dichloroethane	20.000	18.681	6.6	89	0.00
37 M	Trichloroethene	20.000	19.370	3.1	95	0.00
38	Methylcyclohexane	20.000	17.961	10.2	90	0.00
39 M	1,2-Dichloropropane	20.000	18.558	7.2	88	0.00
40	Dibromomethane	20.000	19.080	4.6	91	0.00
41 M	Bromodichloromethane	20.000	19.372	3.1	92	0.00
42 M	Vinyl Acetate	100.000	88.345	11.7	86	0.00
43	Ethyl Acetate	20.000	18.428	7.9	88	0.00
44	Isopropyl Acetate	20.000	18.601	7.0	90	0.00
45 T	1,4-Dioxane	400.000	381.644	4.6	89	0.00
46	Methyl methacrylate	20.000	18.831	5.8	91	0.00
47	n-amyl Acetate	20.000	18.592	7.0	94	0.00
48 M	t-1,3-Dichloropropene	20.000	18.093	9.5	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.401	8.0	90	0.00
50 M	1,1,2-Trichloroethane	20.000	19.863	0.7	91	0.00
51	Ethyl methacrylate	20.000	18.801	6.0	89	0.00
52	1,3-Dichloropropane	20.000	19.266	3.7	89	0.00
53 M	Dibromochloromethane	20.000	20.152	-0.8	100	0.00
54 M	1,2-Dibromoethane	20.000	19.526	2.4	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.890	-0.9	93	0.00
56 M	Bromoform	20.000	19.154	4.2	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.530	4.5	87	0.00
59 M	2-Hexanone	100.000	92.854	7.1	87	0.00
60 S	4-Bromofluorobenzene	30.000	30.251	-0.8	98	0.00
61 M	Tetrachloroethene	20.000	20.901	-4.5	94	0.00
62 M	Toluene	20.000	20.263	-1.3	97	0.00
63 S	Toluene-d8	30.000	29.832	0.6	94	0.00
64 M	Chlorobenzene	20.000	19.488	2.6	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.449	-2.2	98	0.00
66 M	Ethyl Benzene	20.000	19.402	3.0	93	0.00
67 M	m/p-Xylenes	40.000	39.117	2.2	91	0.00
68 M	o-Xylene	20.000	20.042	-0.2	92	0.00
69 M	Styrene	20.000	20.132	-0.7	96	0.00
70	Isopropylbenzene	20.000	20.011	-0.1	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.442	2.8	91	0.00
72	1,2,3-Trichloropropane	20.000	18.335	8.3	92	0.00
73	Bromobenzene	20.000	20.225	-1.1	98	0.00
74	n-propylbenzene	20.000	19.856	0.7	96	0.00
75	2-Chlorotoluene	20.000	19.655	1.7	92	0.00
76	1,3,5-Trimethylbenzene	20.000	19.822	0.9	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.988	15.1	86	0.00
78	4-Chlorotoluene	20.000	19.986	0.1	97	0.00
79	tert-butylbenzene	20.000	19.324	3.4	92	0.00
80	1,2,4-Trimethylbenzene	20.000	20.213	-1.1	97	0.00
81	sec-Butylbenzene	20.000	19.395	3.0	94	0.00
82	p-Isopropyltoluene	20.000	19.758	1.2	95	0.00
83 M	1,3-Dichlorobenzene	20.000	20.177	-0.9	96	0.00
84 M	1,4-Dichlorobenzene	20.000	20.621	-3.1	100	0.00
85	n-Butylbenzene	20.000	19.581	2.1	98	0.00
86 T	Hexachloroethane	20.000	18.524	7.4	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.360	-1.8	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.445	7.8	92	0.00
89	1,2,4-Trichlorobenzene	20.000	20.423	-2.1	101	0.00
90	Hexachlorobutadiene	20.000	18.491	7.5	95	0.00
91 M	Naphthalene	20.000	19.920	0.4	99	0.00
92	1,2,3-Trichlorobenzene	20.000	20.607	-3.0	103	0.00

(#) = Out of Range

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