

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042079.D
 Acq On : 27 Jun 2024 16:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 28 04:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	18.007	10.0	88	0.00
3 M	Chloromethane	20.000	16.956	15.2	83	0.00
4 M	Vinyl Chloride	20.000	17.243	13.8	89	0.00
5 M	Bromomethane	20.000	15.613	21.9	81	0.00
6 M	Chloroethane	20.000	24.841	-24.2	123	0.00
7 M	Trichlorofluoromethane	20.000	19.086	4.6	94	0.00
8 T	Diethyl Ether	20.000	18.809	6.0	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.984	5.1	97	0.00
10 M	1,1-Dichloroethene	20.000	18.824	5.9	96	0.00
11	Methyl Iodide	20.000	17.820	10.9	90	0.00
12	Methyl Acetate	20.000	20.802	-4.0	104	0.00
13 M	Acrolein	100.000	76.245	23.8	81	0.00
14 M	Acrylonitrile	100.000	95.484	4.5	95	0.00
15 M	Acetone	100.000	87.556	12.4	86	0.00
16 M	Carbon Disulfide	20.000	17.716	11.4	101	0.00
17	Allyl chloride	20.000	18.795	6.0	93	0.00
18 M	Methylene Chloride	20.000	19.026	4.9	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.572	7.1	95	0.00
20 T	Diisopropyl ether	20.000	19.059	4.7	97	0.00
21 M	1,1-Dichloroethane	20.000	19.146	4.3	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.482	2.6	100	0.00
23 M	tert-Butyl Alcohol	100.000	97.931	2.1	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.651	1.7	101	0.00
25 M	Chloroform	20.000	19.513	2.4	99	0.00
26	Cyclohexane	20.000	18.311	8.4	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.086	6.4	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.342	3.3	100	0.00
30 M	2-Butanone	100.000	97.940	2.1	94	0.00
31	2,2-Dichloropropane	20.000	18.956	5.2	98	0.00
32 M	1,1,1-Trichloroethane	20.000	19.671	1.6	101	0.00
33 M	Carbon Tetrachloride	20.000	19.757	1.2	101	0.00
34 M	Benzene	20.000	19.528	2.4	97	0.00
35	Methacrylonitrile	20.000	19.541	2.3	98	0.00
36 M	1,2-Dichloroethane	20.000	19.445	2.8	96	0.00
37 M	Trichloroethene	20.000	19.172	4.1	99	0.00
38	Methylcyclohexane	20.000	18.714	6.4	96	0.00
39 M	1,2-Dichloropropane	20.000	19.722	1.4	99	0.00
40	Dibromomethane	20.000	19.722	1.4	100	0.00
41 M	Bromodichloromethane	20.000	20.006	-0.0	104	0.00
42 M	Vinyl Acetate	100.000	97.723	2.3	97	0.00
43	Ethyl Acetate	20.000	19.971	0.1	101	0.00
44	Isopropyl Acetate	20.000	19.525	2.4	99	0.00
45 T	1,4-Dioxane	400.000	327.042	18.2	82	0.00
46	Methyl methacrylate	20.000	19.429	2.9	97	0.00
47	n-amyl Acetate	20.000	19.138	4.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	19.254	3.7	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.494	2.5	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.868	0.7	99	0.00
51	Ethyl methacrylate	20.000	19.512	2.4	101	0.00
52	1,3-Dichloropropane	20.000	19.885	0.6	99	0.00
53 M	Dibromochloromethane	20.000	19.964	0.2	105	0.00
54 M	1,2-Dibromoethane	20.000	20.295	-1.5	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.971	-2.0	98	0.00
56 M	Bromoform	20.000	19.678	1.6	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.359	-1.4	96	0.00
59 M	2-Hexanone	100.000	101.008	-1.0	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.838	0.5	98	0.00
61 M	Tetrachloroethene	20.000	19.386	3.1	93	0.00
62 M	Toluene	20.000	20.146	-0.7	98	0.00
63 S	Toluene-d8	30.000	29.641	1.2	95	0.00
64 M	Chlorobenzene	20.000	19.896	0.5	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.548	-2.7	103	0.00
66 M	Ethyl Benzene	20.000	19.894	0.5	98	0.00
67 M	m/p-Xylenes	40.000	40.144	-0.4	99	0.00
68 M	o-Xylene	20.000	20.072	-0.4	98	0.00
69 M	Styrene	20.000	20.056	-0.3	98	0.00
70	Isopropylbenzene	20.000	20.508	-2.5	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.325	-1.6	98	0.00
72	1,2,3-Trichloropropane	20.000	22.357	-11.8	110	0.00
73	Bromobenzene	20.000	20.057	-0.3	100	0.00
74	n-propylbenzene	20.000	19.881	0.6	99	0.00
75	2-Chlorotoluene	20.000	20.066	-0.3	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.034	-0.2	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.935	10.3	99	0.00
78	4-Chlorotoluene	20.000	19.685	1.6	98	0.00
79	tert-butylbenzene	20.000	20.481	-2.4	101	0.00
80	1,2,4-Trimethylbenzene	20.000	20.172	-0.9	100	0.00
81	sec-Butylbenzene	20.000	20.265	-1.3	100	0.00
82	p-Isopropyltoluene	20.000	20.078	-0.4	100	0.00
83 M	1,3-Dichlorobenzene	20.000	19.487	2.6	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.306	3.5	98	0.00
85	n-Butylbenzene	20.000	18.865	5.7	99	0.00
86 T	Hexachloroethane	20.000	19.337	3.3	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.556	2.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.786	1.1	103	0.00
89	1,2,4-Trichlorobenzene	20.000	18.699	6.5	101	0.00
90	Hexachlorobutadiene	20.000	18.983	5.1	97	0.00
91 M	Naphthalene	20.000	19.873	0.6	103	0.00
92	1,2,3-Trichlorobenzene	20.000	19.419	2.9	102	0.00

(#) = Out of Range

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