

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042017.D
 Acq On : 24 Jun 2024 20:11
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 25 05:57:51 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	17.302	13.5	78	0.00
3 M	Chloromethane	20.000	17.668	11.7	79	0.00
4 M	Vinyl Chloride	20.000	17.430	12.9	82	0.00
5 M	Bromomethane	20.000	16.798	16.0	80	0.00
6 M	Chloroethane	20.000	22.591	-13.0	103	0.00
7 M	Trichlorofluoromethane	20.000	17.616	11.9	79	0.00
8 T	Diethyl Ether	20.000	18.104	9.5	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.149	14.3	80	0.00
10 M	1,1-Dichloroethene	20.000	17.399	13.0	82	0.00
11	Methyl Iodide	20.000	18.920	5.4	87	0.00
12	Methyl Acetate	20.000	19.994	0.0	92	0.00
13 M	Acrolein	100.000	80.313	19.7	78	0.00
14 M	Acrylonitrile	100.000	93.131	6.9	85	0.00
15 M	Acetone	100.000	82.309	17.7	74	0.00
16 M	Carbon Disulfide	20.000	16.320	18.4	85	0.00
17	Allyl chloride	20.000	17.921	10.4	81	0.00
18 M	Methylene Chloride	20.000	18.336	8.3	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.888	10.6	84	0.00
20 T	Diisopropyl ether	20.000	18.715	6.4	87	0.00
21 M	1,1-Dichloroethane	20.000	18.309	8.5	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.109	9.5	85	0.00
23 M	tert-Butyl Alcohol	100.000	91.608	8.4	83	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.635	6.8	87	0.00
25 M	Chloroform	20.000	18.839	5.8	87	0.00
26	Cyclohexane	20.000	16.525	17.4	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.647	1.2	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	18.422	7.9	83	0.00
30 M	2-Butanone	100.000	98.247	1.8	83	0.00
31	2,2-Dichloropropane	20.000	16.534	17.3	75	0.00
32 M	1,1,1-Trichloroethane	20.000	19.287	3.6	87	0.00
33 M	Carbon Tetrachloride	20.000	19.060	4.7	86	0.00
34 M	Benzene	20.000	19.275	3.6	83	0.00
35	Methacrylonitrile	20.000	19.888	0.6	87	0.00
36 M	1,2-Dichloroethane	20.000	19.577	2.1	85	0.00
37 M	Trichloroethene	20.000	18.798	6.0	85	0.00
38	Methylcyclohexane	20.000	16.891	15.5	76	0.00
39 M	1,2-Dichloropropane	20.000	20.205	-1.0	89	0.00
40	Dibromomethane	20.000	19.431	2.8	86	0.00
41 M	Bromodichloromethane	20.000	19.698	1.5	89	0.00
42 M	Vinyl Acetate	100.000	97.436	2.6	85	0.00
43	Ethyl Acetate	20.000	19.807	1.0	88	0.00
44	Isopropyl Acetate	20.000	19.256	3.7	85	0.00
45 T	1,4-Dioxane	400.000	406.115	-1.5	89	0.00
46	Methyl methacrylate	20.000	19.505	2.5	85	0.00
47	n-amyl Acetate	20.000	18.820	5.9	86	0.00
48 M	t-1,3-Dichloropropene	20.000	18.398	8.0	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.828	5.9	85	0.00
50 M	1,1,2-Trichloroethane	20.000	19.947	0.3	87	0.00
51	Ethyl methacrylate	20.000	18.920	5.4	86	0.00
52	1,3-Dichloropropane	20.000	19.711	1.4	86	0.00
53 M	Dibromochloromethane	20.000	19.285	3.6	89	0.00
54 M	1,2-Dibromoethane	20.000	20.001	-0.0	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.375	1.6	83	0.00
56 M	Bromoform	20.000	18.709	6.5	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.859	-0.9	86	0.00
59 M	2-Hexanone	100.000	99.513	0.5	85	0.00
60 S	4-Bromofluorobenzene	30.000	30.121	-0.4	88	0.00
61 M	Tetrachloroethene	20.000	18.471	7.6	79	0.00
62 M	Toluene	20.000	19.281	3.6	84	0.00
63 S	Toluene-d8	30.000	30.161	-0.5	86	0.00
64 M	Chlorobenzene	20.000	18.997	5.0	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.726	1.4	88	0.00
66 M	Ethyl Benzene	20.000	18.895	5.5	83	0.00
67 M	m/p-Xylenes	40.000	37.444	6.4	82	0.00
68 M	o-Xylene	20.000	18.881	5.6	83	0.00
69 M	Styrene	20.000	19.161	4.2	83	0.00
70	Isopropylbenzene	20.000	19.021	4.9	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.050	-0.3	86	0.00
72	1,2,3-Trichloropropane	20.000	19.596	2.0	86	0.00
73	Bromobenzene	20.000	19.167	4.2	85	0.00
74	n-propylbenzene	20.000	18.552	7.2	82	0.00
75	2-Chlorotoluene	20.000	19.092	4.5	83	0.00
76	1,3,5-Trimethylbenzene	20.000	18.887	5.6	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.480	17.6	81	0.00
78	4-Chlorotoluene	20.000	18.687	6.6	83	0.00
79	tert-butylbenzene	20.000	18.907	5.5	83	0.00
80	1,2,4-Trimethylbenzene	20.000	19.059	4.7	84	0.00
81	sec-Butylbenzene	20.000	18.425	7.9	81	0.00
82	p-Isopropyltoluene	20.000	18.053	9.7	81	0.00
83 M	1,3-Dichlorobenzene	20.000	18.801	6.0	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.636	6.8	84	0.00
85	n-Butylbenzene	20.000	17.189	14.1	81	0.00
86 T	Hexachloroethane	20.000	17.807	11.0	84	0.00
87 M	1,2-Dichlorobenzene	20.000	18.640	6.8	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.263	8.7	85	0.00
89	1,2,4-Trichlorobenzene	20.000	17.098	14.5	82	0.00
90	Hexachlorobutadiene	20.000	17.692	11.5	81	0.00
91 M	Naphthalene	20.000	18.463	7.7	85	0.00
92	1,2,3-Trichlorobenzene	20.000	18.414	7.9	86	0.00

(#) = Out of Range

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