

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041965.D
 Acq On : 20 Jun 2024 16:31
 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 21 03:18:10 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	18.083	9.6	91	0.00
3 M	Chloromethane	20.000	17.197	14.0	87	0.00
4 M	Vinyl Chloride	20.000	17.388	13.1	92	0.00
5 M	Bromomethane	20.000	16.343	18.3	87	0.00
6 M	Chloroethane	20.000	21.993	-10.0	113	0.00
7 M	Trichlorofluoromethane	20.000	20.082	-0.4	102	0.00
8 T	Diethyl Ether	20.000	18.178	9.1	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.460	7.7	97	0.00
10 M	1,1-Dichloroethene	20.000	17.778	11.1	94	0.00
11	Methyl Iodide	20.000	16.599	17.0	86	0.00
12	Methyl Acetate	20.000	20.836	-4.2	107	0.00
13 M	Acrolein	100.000	66.549	33.5#	72	0.00
14 M	Acrylonitrile	100.000	92.853	7.1	96	0.00
15 M	Acetone	100.000	83.711	16.3	84	0.00
16 M	Carbon Disulfide	20.000	17.410	13.0	102	0.00
17	Allyl chloride	20.000	17.944	10.3	92	0.00
18 M	Methylene Chloride	20.000	17.721	11.4	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.885	10.6	95	0.00
20 T	Diisopropyl ether	20.000	18.254	8.7	95	0.00
21 M	1,1-Dichloroethane	20.000	18.062	9.7	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.933	10.3	95	0.00
23 M	tert-Butyl Alcohol	100.000	88.457	11.5	90	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.072	9.6	95	0.00
25 M	Chloroform	20.000	18.362	8.2	96	0.00
26	Cyclohexane	20.000	17.667	11.7	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.447	-4.8	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	18.036	9.8	99	0.00
30 M	2-Butanone	100.000	90.562	9.4	92	0.00
31	2,2-Dichloropropane	20.000	16.912	15.4	93	0.00
32 M	1,1,1-Trichloroethane	20.000	17.980	10.1	98	0.00
33 M	Carbon Tetrachloride	20.000	18.053	9.7	98	0.00
34 M	Benzene	20.000	17.844	10.8	93	0.00
35	Methacrylonitrile	20.000	18.515	7.4	98	0.00
36 M	1,2-Dichloroethane	20.000	18.408	8.0	96	0.00
37 M	Trichloroethene	20.000	17.541	12.3	96	0.00
38	Methylcyclohexane	20.000	17.609	12.0	96	0.00
39 M	1,2-Dichloropropane	20.000	17.780	11.1	94	0.00
40	Dibromomethane	20.000	18.245	8.8	98	0.00
41 M	Bromodichloromethane	20.000	17.987	10.1	99	0.00
42 M	Vinyl Acetate	100.000	89.694	10.3	95	0.00
43	Ethyl Acetate	20.000	17.000	15.0	91	0.00
44	Isopropyl Acetate	20.000	17.992	10.0	96	0.00
45 T	1,4-Dioxane	400.000	309.064	22.7	82	0.00
46	Methyl methacrylate	20.000	17.828	10.9	94	0.00
47	n-amyl Acetate	20.000	17.398	13.0	96	0.00
48 M	t-1,3-Dichloropropene	20.000	17.017	14.9	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.599	12.0	96	0.00
50 M	1,1,2-Trichloroethane	20.000	18.168	9.2	96	0.00
51	Ethyl methacrylate	20.000	17.278	13.6	95	0.00
52	1,3-Dichloropropane	20.000	17.955	10.2	94	0.00
53 M	Dibromochloromethane	20.000	17.612	11.9	98	0.00
54 M	1,2-Dibromoethane	20.000	18.145	9.3	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.336	-4.3	106	0.00
56 M	Bromoform	20.000	17.162	14.2	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.372	8.6	94	0.00
59 M	2-Hexanone	100.000	91.645	8.4	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.257	2.5	104	0.00
61 M	Tetrachloroethene	20.000	18.949	5.3	99	0.00
62 M	Toluene	20.000	17.742	11.3	94	0.00
63 S	Toluene-d8	30.000	29.992	0.0	105	0.00
64 M	Chlorobenzene	20.000	17.570	12.1	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.723	11.4	96	0.00
66 M	Ethyl Benzene	20.000	17.710	11.4	95	0.00
67 M	m/p-Xylenes	40.000	35.554	11.1	95	0.00
68 M	o-Xylene	20.000	17.401	13.0	92	0.00
69 M	Styrene	20.000	17.524	12.4	93	0.00
70	Isopropylbenzene	20.000	17.941	10.3	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.523	12.4	92	0.00
72	1,2,3-Trichloropropane	20.000	17.756	11.2	95	0.00
73	Bromobenzene	20.000	17.314	13.4	93	0.00
74	n-propylbenzene	20.000	17.984	10.1	97	0.00
75	2-Chlorotoluene	20.000	17.684	11.6	94	0.00
76	1,3,5-Trimethylbenzene	20.000	17.715	11.4	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.098	24.5	90	0.00
78	4-Chlorotoluene	20.000	17.737	11.3	96	0.00
79	tert-butylbenzene	20.000	17.427	12.9	93	0.00
80	1,2,4-Trimethylbenzene	20.000	17.724	11.4	95	0.00
81	sec-Butylbenzene	20.000	17.799	11.0	96	0.00
82	p-Isopropyltoluene	20.000	17.877	10.6	97	0.00
83 M	1,3-Dichlorobenzene	20.000	17.351	13.2	94	0.00
84 M	1,4-Dichlorobenzene	20.000	17.423	12.9	96	0.00
85	n-Butylbenzene	20.000	17.556	12.2	100	0.00
86 T	Hexachloroethane	20.000	17.202	14.0	99	0.00
87 M	1,2-Dichlorobenzene	20.000	17.100	14.5	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.379	13.1	98	0.00
89	1,2,4-Trichlorobenzene	20.000	16.696	16.5	98	0.00
90	Hexachlorobutadiene	20.000	17.434	12.8	97	0.00
91 M	Naphthalene	20.000	16.945	15.3	95	0.00
92	1,2,3-Trichlorobenzene	20.000	16.948	15.3	96	0.00

(#) = Out of Range

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