

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041909.D
 Acq On : 17 Jun 2024 16:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 18 02:08:42 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	19.016	4.9	89	0.00
3 M	Chloromethane	20.000	17.825	10.9	83	0.00
4 M	Vinyl Chloride	20.000	18.513	7.4	91	0.00
5 M	Bromomethane	20.000	16.188	19.1	80	0.00
6 M	Chloroethane	20.000	20.842	-4.2	99	0.00
7 M	Trichlorofluoromethane	20.000	18.874	5.6	88	0.00
8 T	Diethyl Ether	20.000	18.521	7.4	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.810	6.0	92	0.00
10 M	1,1-Dichloroethene	20.000	18.069	9.7	88	0.00
11	Methyl Iodide	20.000	18.580	7.1	89	0.00
12	Methyl Acetate	20.000	20.338	-1.7	97	0.00
13 M	Acrolein	100.000	96.842	3.2	98	0.00
14 M	Acrylonitrile	100.000	95.904	4.1	91	0.00
15 M	Acetone	100.000	92.959	7.0	87	0.00
16 M	Carbon Disulfide	20.000	17.887	10.6	97	0.00
17	Allyl chloride	20.000	19.090	4.6	90	0.00
18 M	Methylene Chloride	20.000	18.917	5.4	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.135	9.3	89	0.00
20 T	Diisopropyl ether	20.000	18.417	7.9	89	0.00
21 M	1,1-Dichloroethane	20.000	18.178	9.1	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.139	9.3	89	0.00
23 M	tert-Butyl Alcohol	100.000	99.397	0.6	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.086	9.6	88	0.00
25 M	Chloroform	20.000	18.428	7.9	89	0.00
26	Cyclohexane	20.000	18.247	8.8	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.041	-6.8	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	17.352	13.2	89	0.00
30 M	2-Butanone	100.000	92.793	7.2	89	0.00
31	2,2-Dichloropropane	20.000	16.725	16.4	86	0.00
32 M	1,1,1-Trichloroethane	20.000	17.635	11.8	90	-0.01
33 M	Carbon Tetrachloride	20.000	17.716	11.4	90	0.00
34 M	Benzene	20.000	17.560	12.2	87	0.00
35	Methacrylonitrile	20.000	19.051	4.7	95	0.00
36 M	1,2-Dichloroethane	20.000	18.166	9.2	90	0.00
37 M	Trichloroethene	20.000	17.687	11.6	91	0.00
38	Methylcyclohexane	20.000	17.430	12.9	90	0.00
39 M	1,2-Dichloropropane	20.000	17.570	12.1	88	0.00
40	Dibromomethane	20.000	17.671	11.6	89	0.00
41 M	Bromodichloromethane	20.000	18.074	9.6	93	0.00
42 M	Vinyl Acetate	100.000	89.684	10.3	89	0.00
43	Ethyl Acetate	20.000	17.729	11.4	90	0.00
44	Isopropyl Acetate	20.000	17.865	10.7	90	0.00
45 T	1,4-Dioxane	400.000	308.055	23.0	77	0.00
46	Methyl methacrylate	20.000	18.134	9.3	90	0.00
47	n-amyl Acetate	20.000	18.067	9.7	94	0.00
48 M	t-1,3-Dichloropropene	20.000	17.205	14.0	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.252	13.7	88	0.00
50 M	1,1,2-Trichloroethane	20.000	17.957	10.2	89	0.00
51	Ethyl methacrylate	20.000	17.280	13.6	89	0.00
52	1,3-Dichloropropane	20.000	17.883	10.6	89	0.00
53 M	Dibromochloromethane	20.000	17.423	12.9	91	0.00
54 M	1,2-Dibromoethane	20.000	18.096	9.5	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.273	-7.3	103	0.00
56 M	Bromoform	20.000	17.277	13.6	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.515	7.5	91	0.00
59 M	2-Hexanone	100.000	94.377	5.6	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.043	-0.1	102	0.00
61 M	Tetrachloroethene	20.000	18.158	9.2	90	0.00
62 M	Toluene	20.000	17.683	11.6	89	0.00
63 S	Toluene-d8	30.000	30.012	-0.0	99	0.00
64 M	Chlorobenzene	20.000	17.342	13.3	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.682	11.6	92	0.00
66 M	Ethyl Benzene	20.000	17.377	13.1	88	0.00
67 M	m/p-Xylenes	40.000	35.479	11.3	90	0.00
68 M	o-Xylene	20.000	17.247	13.8	87	0.00
69 M	Styrene	20.000	17.563	12.2	88	0.00
70	Isopropylbenzene	20.000	17.709	11.5	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.794	11.0	89	0.00
72	1,2,3-Trichloropropane	20.000	17.910	10.4	91	0.00
73	Bromobenzene	20.000	17.627	11.9	90	0.00
74	n-propylbenzene	20.000	17.960	10.2	92	0.00
75	2-Chlorotoluene	20.000	17.702	11.5	89	0.00
76	1,3,5-Trimethylbenzene	20.000	17.693	11.5	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.110	19.5	92	0.00
78	4-Chlorotoluene	20.000	17.692	11.5	91	0.00
79	tert-butylbenzene	20.000	17.514	12.4	89	0.00
80	1,2,4-Trimethylbenzene	20.000	18.107	9.5	92	0.00
81	sec-Butylbenzene	20.000	18.566	7.2	95	0.00
82	p-Isopropyltoluene	20.000	18.156	9.2	94	0.00
83 M	1,3-Dichlorobenzene	20.000	17.495	12.5	90	0.00
84 M	1,4-Dichlorobenzene	20.000	17.842	10.8	93	0.00
85	n-Butylbenzene	20.000	17.923	10.4	97	0.00
86 T	Hexachloroethane	20.000	17.482	12.6	96	0.00
87 M	1,2-Dichlorobenzene	20.000	17.587	12.1	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.632	11.8	95	0.00
89	1,2,4-Trichlorobenzene	20.000	17.442	12.8	97	0.00
90	Hexachlorobutadiene	20.000	18.273	8.6	96	0.00
91 M	Naphthalene	20.000	17.751	11.2	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.607	12.0	95	0.00

(#) = Out of Range

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