

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040630.D
 Acq On : 14 Mar 2024 09:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 15 05:41:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	17.998	10.0	99	0.00
3 M	Chloromethane	20.000	18.151	9.2	97	0.00
4 M	Vinyl Chloride	20.000	18.112	9.4	99	0.00
5 M	Bromomethane	20.000	21.717	-8.6	100	0.01
6 M	Chloroethane	20.000	19.908	0.5	118	0.02
7 M	Trichlorofluoromethane	20.000	18.856	5.7	110	0.01
8 T	Diethyl Ether	20.000	17.828	10.9	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.469	2.7	107	0.00
10 M	1,1-Dichloroethene	20.000	19.095	4.5	107	0.00
11	Methyl Iodide	20.000	17.780	11.1	102	0.00
12	Methyl Acetate	20.000	18.228	8.9	101	0.00
13 M	Acrolein	100.000	93.167	6.8	105	0.00
14 M	Acrylonitrile	100.000	89.470	10.5	98	0.00
15 M	Acetone	100.000	95.019	5.0	97	0.00
16 M	Carbon Disulfide	20.000	17.805	11.0	101	0.00
17	Allyl chloride	20.000	18.559	7.2	103	0.00
18 M	Methylene Chloride	20.000	18.702	6.5	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.521	7.4	102	0.00
20 T	Diisopropyl ether	20.000	18.486	7.6	103	0.00
21 M	1,1-Dichloroethane	20.000	19.158	4.2	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.399	8.0	100	0.00
23 M	tert-Butyl Alcohol	100.000	80.717	19.3	92	-0.04
24 M	Methyl tert-Butyl Ether	20.000	18.527	7.4	103	0.00
25 M	Chloroform	20.000	18.895	5.5	105	-0.01
26	Cyclohexane	20.000	18.155	9.2	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.388	-8.0	113	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	113	0.00
29	1,1-Dichloropropene	20.000	17.709	11.5	109	0.00
30 M	2-Butanone	100.000	83.299	16.7	96	-0.01
31	2,2-Dichloropropane	20.000	18.305	8.5	108	0.00
32 M	1,1,1-Trichloroethane	20.000	17.842	10.8	108	0.00
33 M	Carbon Tetrachloride	20.000	17.394	13.0	107	0.00
34 M	Benzene	20.000	17.466	12.7	104	0.00
35	Methacrylonitrile	20.000	17.339	13.3	101	0.00
36 M	1,2-Dichloroethane	20.000	17.961	10.2	105	0.00
37 M	Trichloroethene	20.000	17.572	12.1	106	-0.01
38	Methylcyclohexane	20.000	17.076	14.6	101	0.00
39 M	1,2-Dichloropropane	20.000	17.941	10.3	104	0.00
40	Dibromomethane	20.000	18.252	8.7	104	0.00
41 M	Bromodichloromethane	20.000	18.499	7.5	109	0.00
42 M	Vinyl Acetate	100.000	85.193	14.8	102	0.00
43	Ethyl Acetate	20.000	16.299	18.5	93	0.00
44	Isopropyl Acetate	20.000	16.715	16.4	100	0.00
45 T	1,4-Dioxane	400.000	314.218	21.4	89	0.00
46	Methyl methacrylate	20.000	17.161	14.2	99	0.00
47	n-amyl Acetate	20.000	16.482	17.6	109	0.00
48 M	t-1,3-Dichloropropene	20.000	15.688	21.6	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.735	16.3	101	0.00
50 M	1,1,2-Trichloroethane	20.000	16.343	18.3	96	0.00
51	Ethyl methacrylate	20.000	15.583	22.1	92	0.00
52	1,3-Dichloropropane	20.000	16.967	15.2	98	0.00
53 M	Dibromochloromethane	20.000	17.136	14.3	103	0.00
54 M	1,2-Dibromoethane	20.000	17.471	12.6	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	70.437	29.6#	80	0.00
56 M	Bromoform	20.000	17.901	10.5	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	100.000	81.273	18.7	89	0.00
59 M	2-Hexanone	100.000	87.848	12.2	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.322	-1.1	119	0.00
61 M	Tetrachloroethene	20.000	18.892	5.5	105	0.00
62 M	Toluene	20.000	17.334	13.3	96	0.00
63 S	Toluene-d8	30.000	27.873	7.1	96	0.00
64 M	Chlorobenzene	20.000	18.884	5.6	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.738	6.3	117	0.00
66 M	Ethyl Benzene	20.000	18.891	5.5	118	0.00
67 M	m/p-Xylenes	40.000	38.162	4.6	119	0.00
68 M	o-Xylene	20.000	18.313	8.4	112	0.00
69 M	Styrene	20.000	18.971	5.1	116	0.00
70	Isopropylbenzene	20.000	19.236	3.8	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.349	8.3	111	0.00
72	1,2,3-Trichloropropane	20.000	18.825	5.9	121	0.00
73	Bromobenzene	20.000	18.792	6.0	116	0.00
74	n-propylbenzene	20.000	19.455	2.7	123	0.00
75	2-Chlorotoluene	20.000	19.512	2.4	124	0.00
76	1,3,5-Trimethylbenzene	20.000	18.855	5.7	119	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.005	10.0	112	0.00
78	4-Chlorotoluene	20.000	19.076	4.6	126	0.00
79	tert-butylbenzene	20.000	19.063	4.7	125	0.00
80	1,2,4-Trimethylbenzene	20.000	19.034	4.8	124	0.00
81	sec-Butylbenzene	20.000	18.954	5.2	123	0.00
82	p-Isopropyltoluene	20.000	19.085	4.6	124	0.00
83 M	1,3-Dichlorobenzene	20.000	19.054	4.7	121	0.00
84 M	1,4-Dichlorobenzene	20.000	19.138	4.3	122	0.00
85	n-Butylbenzene	20.000	18.487	7.6	121	0.00
86 T	Hexachloroethane	20.000	18.962	5.2	129	0.00
87 M	1,2-Dichlorobenzene	20.000	19.015	4.9	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.306	8.5	115	0.00
89	1,2,4-Trichlorobenzene	20.000	18.363	8.2	116	0.00
90	Hexachlorobutadiene	20.000	19.086	4.6	122	0.00
91 M	Naphthalene	20.000	17.463	12.7	112	0.00
92	1,2,3-Trichlorobenzene	20.000	19.091	4.5	121	0.00

(#) = Out of Range

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