

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041660.D
 Acq On : 28 May 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 29 05:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.171	4.1	97	0.00
3 M	Chloromethane	20.000	17.623	11.9	83	0.00
4 M	Vinyl Chloride	20.000	18.584	7.1	89	0.00
5 M	Bromomethane	20.000	17.743	11.3	88	0.00
6 M	Chloroethane	20.000	20.750	-3.8	101	0.00
7 M	Trichlorofluoromethane	20.000	20.798	-4.0	98	0.00
8 T	Diethyl Ether	20.000	21.502	-7.5	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.585	-2.9	91	0.00
10 M	1,1-Dichloroethene	20.000	19.925	0.4	88	0.00
11	Methyl Iodide	20.000	20.938	-4.7	100	0.00
12	Methyl Acetate	20.000	22.482	-12.4	105	0.00
13 M	Acrolein	100.000	84.527	15.5	77	0.00
14 M	Acrylonitrile	100.000	99.011	1.0	96	0.00
15 M	Acetone	100.000	111.090	-11.1	99	0.00
16 M	Carbon Disulfide	20.000	16.797	16.0	84	0.00
17	Allyl chloride	20.000	19.122	4.4	90	0.00
18 M	Methylene Chloride	20.000	20.874	-4.4	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.994	10.0	86	0.00
20 T	Diisopropyl ether	20.000	18.975	5.1	90	0.00
21 M	1,1-Dichloroethane	20.000	19.112	4.4	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.431	7.8	90	0.00
23 M	tert-Butyl Alcohol	100.000	98.675	1.3	96	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.557	7.2	90	0.00
25 M	Chloroform	20.000	19.059	4.7	92	0.00
26	Cyclohexane	20.000	18.059	9.7	87	-0.01
27 s	1,2-Dichloroethane-d4	30.000	32.678	-8.9	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	17.374	13.1	87	0.00
30 M	2-Butanone	100.000	97.212	2.8	96	0.00
31	2,2-Dichloropropane	20.000	17.636	11.8	87	0.00
32 M	1,1,1-Trichloroethane	20.000	18.401	8.0	92	0.00
33 M	Carbon Tetrachloride	20.000	18.339	8.3	93	0.00
34 M	Benzene	20.000	18.142	9.3	89	0.00
35	Methacrylonitrile	20.000	19.766	1.2	98	-0.01
36 M	1,2-Dichloroethane	20.000	18.820	5.9	93	-0.01
37 M	Trichloroethene	20.000	17.485	12.6	87	0.00
38	Methylcyclohexane	20.000	17.680	11.6	87	0.00
39 M	1,2-Dichloropropane	20.000	17.771	11.1	86	-0.01
40	Dibromomethane	20.000	18.477	7.6	94	0.00
41 M	Bromodichloromethane	20.000	18.689	6.6	96	0.00
42 M	Vinyl Acetate	100.000	91.367	8.6	90	0.00
43	Ethyl Acetate	20.000	17.240	13.8	86	0.00
44	Isopropyl Acetate	20.000	18.563	7.2	93	0.00
45 T	1,4-Dioxane	400.000	359.365	10.2	87	0.00
46	Methyl methacrylate	20.000	18.829	5.9	95	0.00
47	n-amyl Acetate	20.000	18.198	9.0	93	0.00
48 M	t-1,3-Dichloropropene	20.000	18.005	10.0	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.888	10.6	92	0.00
50 M	1,1,2-Trichloroethane	20.000	18.894	5.5	94	0.00
51	Ethyl methacrylate	20.000	17.569	12.2	90	0.00
52	1,3-Dichloropropane	20.000	18.647	6.8	91	0.00
53 M	Dibromochloromethane	20.000	18.821	5.9	99	0.00
54 M	1,2-Dibromoethane	20.000	19.070	4.6	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.589	-2.6	100	0.00
56 M	Bromoform	20.000	18.391	8.0	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.591	2.4	96	0.00
59 M	2-Hexanone	100.000	95.898	4.1	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.645	-2.1	99	0.00
61 M	Tetrachloroethene	20.000	17.464	12.7	88	0.00
62 M	Toluene	20.000	18.073	9.6	91	0.00
63 S	Toluene-d8	30.000	29.013	3.3	95	0.00
64 M	Chlorobenzene	20.000	18.185	9.1	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.254	8.7	94	0.00
66 M	Ethyl Benzene	20.000	18.269	8.7	92	0.00
67 M	m/p-Xylenes	40.000	36.581	8.5	90	0.00
68 M	o-Xylene	20.000	18.373	8.1	94	0.00
69 M	Styrene	20.000	17.993	10.0	92	0.00
70	Isopropylbenzene	20.000	18.732	6.3	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.963	5.2	96	0.00
72	1,2,3-Trichloropropane	20.000	17.828	10.9	89	0.00
73	Bromobenzene	20.000	18.005	10.0	92	0.00
74	n-propylbenzene	20.000	18.460	7.7	93	0.00
75	2-Chlorotoluene	20.000	18.502	7.5	93	0.00
76	1,3,5-Trimethylbenzene	20.000	18.459	7.7	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.975	10.1	99	0.00
78	4-Chlorotoluene	20.000	18.074	9.6	91	0.00
79	tert-butylbenzene	20.000	18.366	8.2	93	0.00
80	1,2,4-Trimethylbenzene	20.000	18.429	7.9	92	0.00
81	sec-Butylbenzene	20.000	18.538	7.3	94	0.00
82	p-Isopropyltoluene	20.000	18.458	7.7	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.165	9.2	94	0.00
84 M	1,4-Dichlorobenzene	20.000	17.913	10.4	93	0.00
85	n-Butylbenzene	20.000	17.930	10.4	96	0.00
86 T	Hexachloroethane	20.000	18.002	10.0	98	0.00
87 M	1,2-Dichlorobenzene	20.000	18.262	8.7	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.927	5.4	100	0.00
89	1,2,4-Trichlorobenzene	20.000	18.010	9.9	95	0.00
90	Hexachlorobutadiene	20.000	18.391	8.0	95	0.00
91 M	Naphthalene	20.000	18.042	9.8	94	0.00
92	1,2,3-Trichlorobenzene	20.000	18.086	9.6	93	0.00

(#) = Out of Range

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