

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041898.D
 Acq On : 14 Jun 2024 23:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 15 04:19:11 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	18.371	8.1	91	0.00
3 M	Chloromethane	20.000	18.961	5.2	94	0.00
4 M	Vinyl Chloride	20.000	19.109	4.5	99	0.00
5 M	Bromomethane	20.000	18.300	8.5	96	0.00
6 M	Chloroethane	20.000	21.542	-7.7	108	0.00
7 M	Trichlorofluoromethane	20.000	20.227	-1.1	100	0.00
8 T	Diethyl Ether	20.000	18.992	5.0	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.976	10.1	93	0.00
10 M	1,1-Dichloroethene	20.000	18.474	7.6	96	0.00
11	Methyl Iodide	20.000	19.111	4.4	97	0.00
12	Methyl Acetate	20.000	18.887	5.6	95	0.00
13 M	Acrolein	100.000	80.293	19.7	86	0.00
14 M	Acrylonitrile	100.000	94.927	5.1	96	0.00
15 M	Acetone	100.000	88.084	11.9	87	0.00
16 M	Carbon Disulfide	20.000	18.250	8.8	105	0.00
17	Allyl chloride	20.000	19.102	4.5	96	0.00
18 M	Methylene Chloride	20.000	19.257	3.7	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.946	5.3	98	0.00
20 T	Diisopropyl ether	20.000	19.423	2.9	99	0.00
21 M	1,1-Dichloroethane	20.000	19.175	4.1	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.566	7.2	97	0.00
23 M	tert-Butyl Alcohol	100.000	101.216	-1.2	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.226	3.9	99	0.00
25 M	Chloroform	20.000	19.310	3.5	99	0.00
26	Cyclohexane	20.000	18.098	9.5	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.447	1.8	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.445	2.8	99	0.00
30 M	2-Butanone	100.000	98.276	1.7	93	0.00
31	2,2-Dichloropropane	20.000	13.427	32.9#	68	0.00
32 M	1,1,1-Trichloroethane	20.000	19.553	2.2	99	0.00
33 M	Carbon Tetrachloride	20.000	19.143	4.3	97	0.00
34 M	Benzene	20.000	20.099	-0.5	98	0.00
35	Methacrylonitrile	20.000	20.006	-0.0	99	0.00
36 M	1,2-Dichloroethane	20.000	20.175	-0.9	98	0.00
37 M	Trichloroethene	20.000	19.214	3.9	98	0.00
38	Methylcyclohexane	20.000	17.971	10.1	91	0.00
39 M	1,2-Dichloropropane	20.000	20.127	-0.6	99	0.00
40	Dibromomethane	20.000	19.817	0.9	99	0.00
41 M	Bromodichloromethane	20.000	19.724	1.4	101	0.00
42 M	Vinyl Acetate	100.000	99.208	0.8	98	0.00
43	Ethyl Acetate	20.000	19.924	0.4	100	0.00
44	Isopropyl Acetate	20.000	19.555	2.2	98	0.00
45 T	1,4-Dioxane	400.000	398.753	0.3	98	0.00
46	Methyl methacrylate	20.000	19.016	4.9	93	0.00
47	n-amyl Acetate	20.000	19.439	2.8	100	0.00
48 M	t-1,3-Dichloropropene	20.000	17.336	13.3	91	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.249	8.8	93	0.00
50 M	1,1,2-Trichloroethane	20.000	20.072	-0.4	98	0.00
51	Ethyl methacrylate	20.000	19.472	2.6	99	0.00
52	1,3-Dichloropropane	20.000	20.097	-0.5	98	0.00
53 M	Dibromochloromethane	20.000	19.615	1.9	102	0.00
54 M	1,2-Dibromoethane	20.000	20.143	-0.7	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.678	3.3	91	0.00
56 M	Bromoform	20.000	18.730	6.3	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.958	-1.0	98	0.00
59 M	2-Hexanone	100.000	100.479	-0.5	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.389	-1.3	102	0.00
61 M	Tetrachloroethene	20.000	19.314	3.4	95	0.00
62 M	Toluene	20.000	19.658	1.7	98	0.00
63 S	Toluene-d8	30.000	30.434	-1.4	100	0.00
64 M	Chlorobenzene	20.000	19.531	2.3	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.567	2.2	100	0.00
66 M	Ethyl Benzene	20.000	19.528	2.4	98	0.00
67 M	m/p-Xylenes	40.000	38.912	2.7	98	0.00
68 M	o-Xylene	20.000	19.712	1.4	98	0.00
69 M	Styrene	20.000	19.898	0.5	99	0.00
70	Isopropylbenzene	20.000	19.796	1.0	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.200	-1.0	99	0.00
72	1,2,3-Trichloropropane	20.000	18.990	5.1	96	0.00
73	Bromobenzene	20.000	19.482	2.6	99	0.00
74	n-propylbenzene	20.000	19.365	3.2	98	0.00
75	2-Chlorotoluene	20.000	19.696	1.5	98	0.00
76	1,3,5-Trimethylbenzene	20.000	19.626	1.9	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.258	23.7	86	0.00
78	4-Chlorotoluene	20.000	19.356	3.2	98	0.00
79	tert-butylbenzene	20.000	19.615	1.9	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.568	2.2	99	0.00
81	sec-Butylbenzene	20.000	19.415	2.9	98	0.00
82	p-Isopropyltoluene	20.000	19.064	4.7	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.416	2.9	99	0.00
84 M	1,4-Dichlorobenzene	20.000	19.213	3.9	99	0.00
85	n-Butylbenzene	20.000	17.898	10.5	96	0.00
86 T	Hexachloroethane	20.000	18.853	5.7	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.613	1.9	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.510	7.4	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.010	9.9	99	0.00
90	Hexachlorobutadiene	20.000	18.337	8.3	95	0.00
91 M	Naphthalene	20.000	18.956	5.2	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.800	6.0	100	0.00

(#) = Out of Range

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