

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102620\
 Data File : VX019121.D
 Acq On : 26 Oct 2020 16:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 27 05:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	94	0.00
2 M	Dichlorodifluoromethane	1.508	1.291	14.4	93	0.00
3 M	Chloromethane	1.362	1.226	10.0	96	0.00
4 M	Vinyl Chloride	1.785	1.587	11.1	95	0.00
5 M	Bromomethane	1.373	1.477	-7.6	102	0.00
6 M	Chloroethane	1.210	1.071	11.5	96	0.00
7 M	Trichlorofluoromethane	3.109	2.767	11.0	99	0.00
8 T	Diethyl Ether	1.165	1.087	6.7	101	0.00
9	1,1,2-Trichlorotrifluoroeth	1.485	1.397	5.9	103	0.00
10 M	1,1-Dichloroethene	1.510	1.372	9.1	100	0.00
11	Methyl Iodide	1.397	1.374	1.6	143	0.00
12	Methyl Acetate	1.495	1.463	2.1	107	0.00
13 M	Acrolein	0.138	0.152	-10.1	157#	-0.01
14 M	Acrylonitrile	0.702	0.671	4.4	106	0.00
15 M	Acetone	0.201	0.210	-4.5	124	0.00
16 M	Carbon Disulfide	4.198	3.234	23.0	84	0.00
17	Allyl chloride	1.886	1.772	6.0	105	0.00
18 M	Methylene Chloride	1.722	1.611	6.4	102	0.00
19 M	trans-1,2-Dichloroethene	1.764	1.561	11.5	97	0.00
20 T	Diisopropyl ether	3.821	3.589	6.1	104	0.00
21 M	1,1-Dichloroethane	2.806	2.649	5.6	103	0.00
22 M	cis-1,2-Dichloroethene	2.043	1.876	8.2	101	-0.01
23 M	tert-Butyl Alcohol	0.341	0.349	-2.3	115	0.00
24 M	Methyl tert-Butyl Ether	4.775	4.481	6.2	104	0.00
25 M	Chloroform	3.109	2.958	4.9	105	0.00
26	Cyclohexane	2.180	1.894	13.1	96	0.00
27 s	1,2-Dichloroethane-d4	1.998	2.031	-1.7	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.423	0.376	11.1	100	0.00
30 M	2-Butanone	0.169	0.163	3.6	111	0.00
31	2,2-Dichloropropane	0.484	0.445	8.1	103	0.00
32 M	1,1,1-Trichloroethane	0.509	0.457	10.2	101	0.00
33 M	Carbon Tetrachloride	0.441	0.392	11.1	102	0.00
34 M	Benzene	1.245	1.123	9.8	101	0.00
35	Methacrylonitrile	0.183	0.169	7.7	100	-0.01
36 M	1,2-Dichloroethane	0.427	0.393	8.0	103	0.00
37 M	Trichloroethene	0.358	0.325	9.2	104	0.00
38	Methylcyclohexane	0.474	0.405	14.6	97	0.00
39 M	1,2-Dichloropropane	0.289	0.274	5.2	109	0.00
40	Dibromomethane	0.224	0.203	9.4	103	0.00
41 M	Bromodichloromethane	0.444	0.406	8.6	106	0.00
42 M	Vinyl Acetate	0.656	0.605	7.8	103	0.00
43	Ethyl Acetate	0.354	0.326	7.9	105	0.00
44	Isopropyl Acetate	0.592	0.544	8.1	105	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.280	0.252	10.0	100	0.00
47	n-amyl Acetate	0.475	0.434	8.6	106	0.00
48 M	t-1,3-Dichloropropene	0.497	0.439	11.7	103	0.00
49 T	cis-1,3-Dichloropropene	0.528	0.477	9.7	104	0.00
50 M	1,1,2-Trichloroethane	0.325	0.300	7.7	106	0.00
51	Ethyl methacrylate	0.474	0.419	11.6	103	0.00
52	1,3-Dichloropropane	0.529	0.490	7.4	105	0.00
53 M	Dibromochloromethane	0.362	0.320	11.6	108	0.00
54 M	1,2-Dibromoethane	0.353	0.318	9.9	103	0.00
55 M	2-Chloroethyl vinyl ether	0.253	0.235	7.1	93	0.00
56 M	Bromoform	0.253	0.217	14.2	107	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.378	0.363	4.0	106	0.00
59 M	2-Hexanone	0.282	0.271	3.9	105	0.00
60 S	4-Bromofluorobenzene	0.450	0.458	-1.8	98	0.00
61 M	Tetrachloroethene	0.356	0.339	4.8	106	0.00
62 M	Toluene	1.577	1.405	10.9	101	0.00
63 S	Toluene-d8	1.325	1.331	-0.5	94	0.00
64 M	Chlorobenzene	0.980	0.907	7.4	107	0.00
65	1,1,1,2-Tetrachloroethane	0.356	0.322	9.6	105	0.00
66 M	Ethyl Benzene	1.729	1.581	8.6	104	0.00
67 M	m/p-Xylenes	0.659	0.602	8.6	105	0.00
68 M	o-Xylene	0.629	0.573	8.9	107	0.00
69 M	Styrene	1.059	0.958	9.5	107	0.00
70	Isopropylbenzene	1.691	1.582	6.4	109	0.00
71 M	1,1,2,2-Tetrachloroethane	0.488	0.496	-1.6	116	0.00
72	1,2,3-Trichloropropane	0.439	0.451	-2.7	114	0.00
73	Bromobenzene	0.413	0.378	8.5	107	0.00
74	n-propylbenzene	1.914	1.788	6.6	108	0.00
75	2-Chlorotoluene	1.083	1.042	3.8	112	0.00
76	1,3,5-Trimethylbenzene	1.372	1.292	5.8	111	0.00
77	t-1,4-Dichloro-2-butene	0.174	0.155	10.9	106	0.00
78	4-Chlorotoluene	1.272	1.213	4.6	111	0.00
79	tert-butylbenzene	1.351	1.286	4.8	111	0.00
80	1,2,4-Trimethylbenzene	1.364	1.292	5.3	110	0.00
81	sec-Butylbenzene	1.598	1.534	4.0	112	0.00
82	p-Isopropyltoluene	1.473	1.421	3.5	114	0.00
83 M	1,3-Dichlorobenzene	0.738	0.727	1.5	115	0.00
84 M	1,4-Dichlorobenzene	0.750	0.738	1.6	116	0.00
85	n-Butylbenzene	1.319	1.276	3.3	114	0.00
86 T	Hexachloroethane	0.226	0.207	8.4	114	0.00
87 M	1,2-Dichlorobenzene	0.707	0.703	0.6	116	0.00
88	1,2-Dibromo-3-Chloropropane	0.110	0.102	7.3	109	0.00
89	1,2,4-Trichlorobenzene	0.509	0.483	5.1	114	0.00
90	Hexachlorobutadiene	0.216	0.217	-0.5	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.665	1.536	7.7	110	0.00
92	1,2,3-Trichlorobenzene	0.489	0.479	2.0	117	0.00

(#) = Out of Range

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