

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032719\
 Data File : VX008470.D
 Acq On : 27 Mar 2019 09:33
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC

Quant Time: Apr 03 01:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 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	93	0.00
2 M	Dichlorodifluoromethane	2.051	2.084	-1.6	94	0.00
3 M	Chloromethane	2.688	2.702	-0.5	92	0.00
4 M	Vinyl Chloride	2.709	2.695	0.5	93	0.00
5 M	Bromomethane	1.404	1.252	10.8	91	0.00
6 M	Chloroethane	1.773	1.634	7.8	91	0.00
7 M	Trichlorofluoromethane	3.007	3.080	-2.4	95	0.00
8 T	Diethyl Ether	1.418	1.413	0.4	91	0.00
9	1,1,2-Trichlorotrifluoroeth	1.873	1.931	-3.1	98	0.00
10 M	1,1-Dichloroethene	1.900	1.891	0.5	93	0.00
11	Methyl Iodide	1.967	1.678	14.7	88	0.00
12	Methyl Acetate	1.540	1.550	-0.6	94	0.00
13 M	Acrolein	0.442	0.298	32.6#	64	0.00
14 M	Acrylonitrile	1.424	1.357	4.7	90	0.00
15 M	Acetone	0.439	0.478	-8.9	92	0.00
16 M	Carbon Disulfide	5.910	5.772	2.3	93	0.00
17	Allyl chloride	4.270	4.130	3.3	93	0.00
18 M	Methylene Chloride	2.271	2.240	1.4	92	0.00
19 M	trans-1,2-Dichloroethene	2.030	2.023	0.3	94	0.00
20 T	Diisopropyl ether	8.310	8.310	0.0	94	0.00
21 M	1,1-Dichloroethane	4.171	4.143	0.7	93	0.00
22 M	cis-1,2-Dichloroethene	2.345	2.319	1.1	94	0.00
23 M	tert-Butyl Alcohol	0.575	0.536	6.8	88	0.00
24 M	Methyl tert-Butyl Ether	6.982	6.942	0.6	93	0.00
25 M	Chloroform	3.778	3.771	0.2	93	0.00
26	Cyclohexane	4.052	4.155	-2.5	98	0.00
27 s	1,2-Dichloroethane-d4	2.510	2.516	-0.2	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.505	0.508	-0.6	94	0.00
30 M	2-Butanone	0.371	0.374	-0.8	90	0.00
31	2,2-Dichloropropane	0.504	0.496	1.6	93	0.00
32 M	1,1,1-Trichloroethane	0.524	0.526	-0.4	94	0.00
33 M	Carbon Tetrachloride	0.439	0.435	0.9	94	0.00
34 M	Benzene	1.543	1.561	-1.2	93	0.00
35	Methacrylonitrile	0.377	0.365	3.2	92	0.00
36 M	1,2-Dichloroethane	0.550	0.553	-0.5	93	0.00
37 M	Trichloroethene	0.355	0.354	0.3	94	0.00
38	Methylcyclohexane	0.636	0.671	-5.5	99	0.00
39 M	1,2-Dichloropropane	0.438	0.432	1.4	92	0.00
40	Dibromomethane	0.253	0.251	0.8	93	0.00
41 M	Bromodichloromethane	0.498	0.488	2.0	92	0.00
42 M	Vinyl Acetate	1.258	1.260	-0.2	92	0.00
43	Ethyl Acetate	0.668	0.670	-0.3	91	0.00
44	Isopropyl Acetate	1.080	1.046	3.1	91	0.00
45 T	1,4-Dioxane	0.011	0.011#	0.0	89	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.549	0.528	3.8	91	0.00
47	n-amyl Acetate	0.981	0.933	4.9	92	0.00
48 M	t-1,3-Dichloropropene	0.563	0.537	4.6	94	0.00
49 T	cis-1,3-Dichloropropene	0.630	0.610	3.2	93	0.00
50 M	1,1,2-Trichloroethane	0.376	0.372	1.1	94	0.00
51	Ethyl methacrylate	0.700	0.675	3.6	93	0.00
52	1,3-Dichloropropane	0.670	0.664	0.9	92	0.00
53 M	Dibromochloromethane	0.370	0.352	4.9	92	0.00
54 M	1,2-Dibromoethane	0.388	0.388	0.0	94	0.00
55 M	2-Chloroethyl vinyl ether	0.353	0.229	35.1#	67	0.00
56 M	Bromoform	0.270	0.246	8.9	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.791	0.769	2.8	91	0.00
59 M	2-Hexanone	0.625	0.634	-1.4	91	0.00
60 S	4-Bromofluorobenzene	0.523	0.520	0.6	93	0.00
61 M	Tetrachloroethene	0.328	0.347	-5.8	98	0.00
62 M	Toluene	1.816	1.851	-1.9	94	0.00
63 S	Toluene-d8	1.424	1.436	-0.8	91	0.00
64 M	Chlorobenzene	1.064	1.077	-1.2	95	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.377	-0.5	96	0.00
66 M	Ethyl Benzene	2.016	2.033	-0.8	94	0.00
67 M	m/p-Xylenes	0.735	0.743	-1.1	95	0.00
68 M	o-Xylene	0.720	0.727	-1.0	95	0.00
69 M	Styrene	1.252	1.241	0.9	95	0.00
70	Isopropylbenzene	1.898	1.944	-2.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.709	0.690	2.7	91	0.00
72	1,2,3-Trichloropropane	0.599	0.604	-0.8	92	0.00
73	Bromobenzene	0.452	0.446	1.3	95	0.00
74	n-propylbenzene	2.261	2.315	-2.4	97	0.00
75	2-Chlorotoluene	1.345	1.364	-1.4	96	0.00
76	1,3,5-Trimethylbenzene	1.623	1.657	-2.1	97	0.00
77	t-1,4-Dichloro-2-butene	0.230	0.203	11.7	91	0.00
78	4-Chlorotoluene	1.548	1.548	0.0	97	0.00
79	tert-butylbenzene	1.658	1.711	-3.2	98	0.00
80	1,2,4-Trimethylbenzene	1.618	1.654	-2.2	97	0.00
81	sec-Butylbenzene	1.854	1.913	-3.2	98	0.00
82	p-Isopropyltoluene	1.658	1.711	-3.2	98	0.00
83 M	1,3-Dichlorobenzene	0.802	0.799	0.4	97	0.00
84 M	1,4-Dichlorobenzene	0.801	0.798	0.4	97	0.00
85	n-Butylbenzene	1.576	1.608	-2.0	100	0.00
86 T	Hexachloroethane	0.277	0.267	3.6	96	0.00
87 M	1,2-Dichlorobenzene	0.808	0.813	-0.6	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.157	0.149	5.1	89	0.00
89	1,2,4-Trichlorobenzene	0.557	0.559	-0.4	99	0.00
90	Hexachlorobutadiene	0.268	0.272	-1.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.909	1.964	-2.9	95	0.00
92	1,2,3-Trichlorobenzene	0.561	0.577	-2.9	97	0.00

(#) = Out of Range

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