

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008505.D
 Acq On : 27 Mar 2019 23:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 04:20:20 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	89	0.00
2 M	Dichlorodifluoromethane	2.051	1.792	12.6	78	0.00
3 M	Chloromethane	2.688	2.431	9.6	80	0.00
4 M	Vinyl Chloride	2.709	2.447	9.7	81	0.00
5 M	Bromomethane	1.404	1.080	23.1	75	0.00
6 M	Chloroethane	1.773	1.513	14.7	81	0.00
7 M	Trichlorofluoromethane	3.007	2.715	9.7	80	0.00
8 T	Diethyl Ether	1.418	1.302	8.2	81	0.00
9	1,1,2-Trichlorotrifluoroeth	1.873	1.632	12.9	80	0.00
10 M	1,1-Dichloroethene	1.900	1.764	7.2	84	0.00
11	Methyl Iodide	1.967	1.660	15.6	84	0.00
12	Methyl Acetate	1.540	1.431	7.1	83	0.00
13 M	Acrolein	0.442	0.228	48.4#	47	0.00
14 M	Acrylonitrile	1.424	1.335	6.2	85	0.00
15 M	Acetone	0.439	0.349	20.5	64	0.00
16 M	Carbon Disulfide	5.910	5.212	11.8	80	0.00
17	Allyl chloride	4.270	3.781	11.5	82	0.00
18 M	Methylene Chloride	2.271	2.102	7.4	83	0.00
19 M	trans-1,2-Dichloroethene	2.030	1.866	8.1	83	0.00
20 T	Diisopropyl ether	8.310	7.742	6.8	84	0.00
21 M	1,1-Dichloroethane	4.171	3.908	6.3	84	0.00
22 M	cis-1,2-Dichloroethene	2.345	2.169	7.5	84	0.00
23 M	tert-Butyl Alcohol	0.575	0.479	16.7	76	0.00
24 M	Methyl tert-Butyl Ether	6.982	6.425	8.0	83	0.00
25 M	Chloroform	3.778	3.502	7.3	83	0.00
26	Cyclohexane	4.052	3.683	9.1	83	0.00
27 s	1,2-Dichloroethane-d4	2.510	2.504	0.2	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29	1,1-Dichloropropene	0.505	0.465	7.9	82	0.00
30 M	2-Butanone	0.371	0.333	10.2	76	0.00
31	2,2-Dichloropropane	0.504	0.383	24.0	68	0.00
32 M	1,1,1-Trichloroethane	0.524	0.484	7.6	82	0.00
33 M	Carbon Tetrachloride	0.439	0.392	10.7	81	0.00
34 M	Benzene	1.543	1.465	5.1	84	0.00
35	Methacrylonitrile	0.377	0.355	5.8	85	0.00
36 M	1,2-Dichloroethane	0.550	0.525	4.5	84	0.00
37 M	Trichloroethene	0.355	0.329	7.3	84	0.00
38	Methylcyclohexane	0.636	0.558	12.3	79	0.00
39 M	1,2-Dichloropropane	0.438	0.407	7.1	82	0.00
40	Dibromomethane	0.253	0.238	5.9	84	0.00
41 M	Bromodichloromethane	0.498	0.462	7.2	84	0.00
42 M	Vinyl Acetate	1.258	1.181	6.1	83	0.00
43	Ethyl Acetate	0.668	0.644	3.6	84	0.00
44	Isopropyl Acetate	1.080	0.998	7.6	83	0.00
45 T	1,4-Dioxane	0.011	0.009#	18.2	69	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.549	0.508	7.5	83	0.00
47	n-amyl Acetate	0.981	0.894	8.9	85	0.00
48 M	t-1,3-Dichloropropene	0.563	0.474	15.8	79	0.00
49 T	cis-1,3-Dichloropropene	0.630	0.547	13.2	79	0.00
50 M	1,1,2-Trichloroethane	0.376	0.344	8.5	84	0.00
51	Ethyl methacrylate	0.700	0.638	8.9	84	0.00
52	1,3-Dichloropropane	0.670	0.632	5.7	84	0.00
53 M	Dibromochloromethane	0.370	0.327	11.6	82	0.00
54 M	1,2-Dibromoethane	0.388	0.362	6.7	84	0.00
55 M	2-Chloroethyl vinyl ether	0.353	0.323	8.5	90	0.00
56 M	Bromoform	0.270	0.232	14.1	83	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.791	0.737	6.8	83	0.00
59 M	2-Hexanone	0.625	0.561	10.2	78	0.00
60 S	4-Bromofluorobenzene	0.523	0.512	2.1	88	0.00
61 M	Tetrachloroethene	0.328	0.308	6.1	84	0.00
62 M	Toluene	1.816	1.693	6.8	83	0.00
63 S	Toluene-d8	1.424	1.433	-0.6	87	0.00
64 M	Chlorobenzene	1.064	0.990	7.0	84	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.343	8.5	84	0.00
66 M	Ethyl Benzene	2.016	1.868	7.3	83	0.00
67 M	m/p-Xylenes	0.735	0.676	8.0	83	0.00
68 M	o-Xylene	0.720	0.658	8.6	82	0.00
69 M	Styrene	1.252	1.143	8.7	84	0.00
70	Isopropylbenzene	1.898	1.737	8.5	83	0.00
71 M	1,1,2,2-Tetrachloroethane	0.709	0.656	7.5	83	0.00
72	1,2,3-Trichloropropane	0.599	0.554	7.5	81	0.00
73	Bromobenzene	0.452	0.413	8.6	84	0.00
74	n-propylbenzene	2.261	2.062	8.8	83	0.00
75	2-Chlorotoluene	1.345	1.236	8.1	83	0.00
76	1,3,5-Trimethylbenzene	1.623	1.469	9.5	83	0.00
77	t-1,4-Dichloro-2-butene	0.230	0.173	24.8	75	0.00
78	4-Chlorotoluene	1.548	1.384	10.6	83	0.00
79	tert-butylbenzene	1.658	1.491	10.1	82	0.00
80	1,2,4-Trimethylbenzene	1.618	1.476	8.8	83	0.00
81	sec-Butylbenzene	1.854	1.678	9.5	83	0.00
82	p-Isopropyltoluene	1.658	1.491	10.1	82	0.00
83 M	1,3-Dichlorobenzene	0.802	0.723	9.9	84	0.00
84 M	1,4-Dichlorobenzene	0.801	0.720	10.1	84	0.00
85	n-Butylbenzene	1.576	1.363	13.5	81	0.00
86 T	Hexachloroethane	0.277	0.238	14.1	82	0.00
87 M	1,2-Dichlorobenzene	0.808	0.724	10.4	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.157	0.135	14.0	77	0.00
89	1,2,4-Trichlorobenzene	0.557	0.499	10.4	85	0.00
90	Hexachlorobutadiene	0.268	0.238	11.2	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.909	1.755	8.1	81	0.00
92	1,2,3-Trichlorobenzene	0.561	0.511	8.9	83	0.00

(#) = Out of Range

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