

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052019\
 Data File : VX009715.D
 Acq On : 20 May 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 14:13:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	85	0.00
2 T	Dichlorodifluoromethane	0.461	0.386	16.3	72	0.00
3 P	Chloromethane	0.629	0.590	6.2	83	0.00
4 C	Vinyl Chloride	0.613	0.579	5.5#	82	0.00
5 T	Bromomethane	0.368	0.376	-2.2	92	0.00
6 T	Chloroethane	0.394	0.365	7.4	82	0.00
7 T	Trichlorofluoromethane	0.746	0.752	-0.8	88	0.00
8 T	Diethyl Ether	0.353	0.356	-0.8	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.468	0.470	-0.4	87	0.00
10 T	Methyl Iodide	0.483	0.491	-1.7	82	0.00
11 T	Tert butyl alcohol	0.158	0.169	-7.0	93	0.00
12 CM	1,1-Dichloroethene	0.469	0.455	3.0#	83	0.00
13 T	Acrolein	0.143	0.171	-19.6	105	0.00
14 T	Allyl chloride	1.143	1.146	-0.3	88	0.00
15 T	Acrylonitrile	0.386	0.413	-7.0	95	0.00
16 T	Acetone	0.367	0.412	-12.3	100	0.00
17 T	Carbon Disulfide	1.317	1.193	9.4	77	0.00
18 T	Methyl Acetate	0.872	0.922	-5.7	96	0.00
19 T	Methyl tert-butyl Ether	1.822	1.903	-4.4	91	0.00
20 T	Methylene Chloride	0.593	0.570	3.9	86	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.498	2.2	85	0.00
22 T	Diisopropyl ether	2.199	2.290	-4.1	91	0.00
23 T	Vinyl Acetate	1.883	2.051	-8.9	92	0.00
24 P	1,1-Dichloroethane	1.085	1.088	-0.3	89	0.00
25 T	2-Butanone	0.570	0.648	-13.7	98	0.00
26 T	2,2-Dichloropropane	0.807	0.856	-6.1	92	0.00
27 T	cis-1,2-Dichloroethene	0.607	0.608	-0.2	88	0.00
28 T	Bromochloromethane	0.487	0.378	22.4#	65	0.00
29 T	Tetrahydrofuran	0.366	0.404	-10.4	95	0.00
30 C	Chloroform	0.981	1.010	-3.0#	91	0.00
31 T	Cyclohexane	1.009	0.998	1.1	84	0.00
32 T	1,1,1-Trichloroethane	0.817	0.837	-2.4	90	0.00
33 S	1,2-Dichloroethane-d4	0.683	0.569	16.7	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.314	0.276	12.1	71	0.00
36 T	1,1-Dichloropropene	0.465	0.491	-5.6	89	0.00
37 T	Ethyl Acetate	0.647	0.738	-14.1	95	0.00
38 T	Carbon Tetrachloride	0.422	0.454	-7.6	90	0.00
39 T	Methylcyclohexane	0.571	0.609	-6.7	88	0.00
40 TM	Benzene	1.438	1.493	-3.8	87	0.00
41 T	Methacrylonitrile	0.385	0.427	-10.9	95	0.00
42 TM	1,2-Dichloroethane	0.516	0.559	-8.3	93	0.00
43 T	Isopropyl Acetate	1.036	1.189	-14.8	95	0.00
44 TM	Trichloroethene	0.348	0.362	-4.0	88	0.00
45 C	1,2-Dichloropropane	0.407	0.439	-7.9#	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.236	0.249	-5.5	90	0.00
47 T	Bromodichloromethane	0.472	0.516	-9.3	91	0.00
48 T	Methyl methacrylate	0.514	0.597	-16.1	96	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	84	0.00
50 S	Toluene-d8	1.269	1.083	14.7	68	0.00
51 T	4-Methyl-2-Pentanone	0.677	0.798	-17.9	98	0.00
52 CM	Toluene	0.874	0.928	-6.2#	89	0.00
53 T	t-1,3-Dichloropropene	0.533	0.618	-15.9	94	0.00
54 T	cis-1,3-Dichloropropene	0.589	0.660	-12.1	90	0.00
55 T	1,1,2-Trichloroethane	0.357	0.386	-8.1	91	0.00
56 T	Ethyl methacrylate	0.637	0.727	-14.1	93	0.00
57 T	1,3-Dichloropropane	0.628	0.679	-8.1	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.338	0.254	24.9#	60	0.00
59 T	2-Hexanone	0.532	0.624	-17.3	96	0.00
60 T	Dibromochloromethane	0.348	0.394	-13.2	92	0.00
61 T	1,2-Dibromoethane	0.360	0.393	-9.2	90	0.00
62 S	4-Bromofluorobenzene	0.461	0.413	10.4	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.343	0.363	-5.8	91	0.00
65 PM	Chlorobenzene	1.000	1.071	-7.1	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.398	-9.6	93	0.00
67 C	Ethyl Benzene	1.841	1.980	-7.6#	91	0.00
68 T	m/p-Xylenes	0.673	0.726	-7.9	90	0.00
69 T	o-Xylene	0.664	0.708	-6.6	91	0.00
70 T	Styrene	1.154	1.260	-9.2	90	0.00
71 P	Bromoform	0.295	0.343	-16.3	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.636	3.823	-5.1	93	0.00
74 T	N-amyl acetate	2.120	2.289	-8.0	93	0.00
75 P	1,1,2,2-Tetrachloroethane	1.355	1.414	-4.4	93	0.00
76 T	1,2,3-Trichloropropane	1.160	1.235	-6.5	95	0.00
77 T	Bromobenzene	0.902	0.938	-4.0	93	0.00
78 T	n-propylbenzene	4.152	4.438	-6.9	93	0.00
79 T	2-Chlorotoluene	2.562	2.621	-2.3	93	0.00
80 T	1,3,5-Trimethylbenzene	3.061	3.223	-5.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.453	0.515	-13.7	97	0.00
82 T	4-Chlorotoluene	2.894	3.021	-4.4	93	0.00
83 T	tert-Butylbenzene	2.978	3.137	-5.3	94	0.00
84 T	1,2,4-Trimethylbenzene	3.073	3.252	-5.8	93	0.00
85 T	sec-Butylbenzene	3.531	3.773	-6.9	94	0.00
86 T	p-Isopropyltoluene	3.174	3.445	-8.5	94	0.00
87 T	1,3-Dichlorobenzene	1.609	1.702	-5.8	94	0.00
88 T	1,4-Dichlorobenzene	1.622	1.686	-3.9	93	0.00
89 T	n-Butylbenzene	2.869	3.243	-13.0	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.541	0.596	-10.2	95	0.00
91 T	1,2-Dichlorobenzene	1.639	1.685	-2.8	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.304	0.327	-7.6	92	0.00
93 T	1,2,4-Trichlorobenzene	1.121	1.223	-9.1	94	0.00
94 T	Hexachlorobutadiene	0.572	0.649	-13.5	99	0.00
95 T	Naphthalene	3.646	3.887	-6.6	91	0.00
96 T	1,2,3-Trichlorobenzene	1.136	1.232	-8.5	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6