

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092719\
 Data File : VX012688.D
 Acq On : 27 Sep 2019 09:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 28 04:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 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	97	0.00
2 T	Dichlorodifluoromethane	0.562	0.563	-0.2	104	0.00
3 P	Chloromethane	0.646	0.588	9.0	94	0.00
4 C	Vinyl Chloride	0.642	0.627	2.3#	100	0.00
5 T	Bromomethane	0.252	0.221	12.3	97	0.00
6 T	Chloroethane	0.433	0.405	6.5	101	0.00
7 T	Trichlorofluoromethane	0.901	0.911	-1.1	104	0.00
8 T	Diethyl Ether	0.369	0.359	2.7	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.556	-1.3	103	0.00
10 T	Methyl Iodide	0.517	0.541	-4.6	99	0.00
11 T	Tert butyl alcohol	0.182	0.159	12.6	87	0.00
12 CM	1,1-Dichloroethene	0.538	0.531	1.3#	97	0.00
13 T	Acrolein	0.094	0.037	60.6#	37#	0.00
14 T	Allyl chloride	1.067	1.041	2.4	97	0.00
15 T	Acrylonitrile	0.369	0.338	8.4	91	0.00
16 T	Acetone	0.386	0.439	-13.7	111	0.00
17 T	Carbon Disulfide	1.507	1.398	7.2	94	0.00
18 T	Methyl Acetate	0.908	0.814	10.4	92	0.00
19 T	Methyl tert-butyl Ether	2.035	2.021	0.7	99	0.00
20 T	Methylene Chloride	0.652	0.627	3.8	100	0.00
21 T	trans-1,2-Dichloroethene	0.596	0.586	1.7	99	0.00
22 T	Diisopropyl ether	2.061	2.049	0.6	100	0.00
23 T	Vinyl Acetate	1.807	1.779	1.5	96	0.00
24 P	1,1-Dichloroethane	1.120	1.098	2.0	98	0.00
25 T	2-Butanone	0.553	0.552	0.2	99	0.00
26 T	2,2-Dichloropropane	0.996	0.985	1.1	99	0.00
27 T	cis-1,2-Dichloroethene	0.691	0.672	2.7	98	0.00
28 T	Bromochloromethane	0.407	0.436	-7.1	107	0.00
29 T	Tetrahydrofuran	0.337	0.303	10.1	88	0.00
30 C	Chloroform	1.146	1.108	3.3#	100	-0.01
31 T	Cyclohexane	1.013	1.013	0.0	101	0.00
32 T	1,1,1-Trichloroethane	1.016	0.987	2.9	97	0.00
33 S	1,2-Dichloroethane-d4	0.728	0.708	2.7	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.298	0.317	-6.4	101	0.00
36 T	1,1-Dichloropropene	0.482	0.500	-3.7	102	0.00
37 T	Ethyl Acetate	0.563	0.543	3.6	90	0.00
38 T	Carbon Tetrachloride	0.490	0.502	-2.4	97	0.00
39 T	Methylcyclohexane	0.580	0.613	-5.7	103	0.00
40 TM	Benzene	1.418	1.453	-2.5	98	0.00
41 T	Methacrylonitrile	0.316	0.310	1.9	93	0.00
42 TM	1,2-Dichloroethane	0.538	0.549	-2.0	98	0.00
43 T	Isopropyl Acetate	0.942	0.915	2.9	93	0.00
44 TM	Trichloroethene	0.363	0.375	-3.3	101	0.00
45 C	1,2-Dichloropropane	0.363	0.377	-3.9#	100	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.247	0.255	-3.2	100	0.00
47 T	Bromodichloromethane	0.494	0.518	-4.9	99	0.00
48 T	Methyl methacrylate	0.452	0.443	2.0	92	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	88	0.00
50 S	Toluene-d8	1.147	1.181	-3.0	99	0.00
51 T	4-Methyl-2-Pentanone	0.582	0.554	4.8	90	0.00
52 CM	Toluene	0.891	0.929	-4.3#	100	0.00
53 T	t-1,3-Dichloropropene	0.547	0.579	-5.9	98	0.00
54 T	cis-1,3-Dichloropropene	0.597	0.624	-4.5	98	0.00
55 T	1,1,2-Trichloroethane	0.354	0.367	-3.7	99	0.00
56 T	Ethyl methacrylate	0.595	0.615	-3.4	96	0.00
57 T	1,3-Dichloropropane	0.620	0.635	-2.4	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.267	0.276	-3.4	92	0.00
59 T	2-Hexanone	0.445	0.453	-1.8	93	0.00
60 T	Dibromochloromethane	0.359	0.380	-5.8	97	0.00
61 T	1,2-Dibromoethane	0.369	0.381	-3.3	97	0.00
62 S	4-Bromofluorobenzene	0.451	0.470	-4.2	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.349	0.380	-8.9	106	0.00
65 PM	Chlorobenzene	1.053	1.081	-2.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.381	0.398	-4.5	99	0.00
67 C	Ethyl Benzene	1.910	2.008	-5.1#	100	0.00
68 T	m/p-Xylenes	0.715	0.747	-4.5	99	0.00
69 T	o-Xylene	0.692	0.716	-3.5	99	0.00
70 T	Styrene	1.160	1.250	-7.8	100	0.00
71 P	Bromoform	0.266	0.284	-6.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.072	4.174	-2.5	100	0.00
74 T	N-amyl acetate	1.943	1.947	-0.2	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.349	1.342	0.5	97	0.00
76 T	1,2,3-Trichloropropane	1.323	1.307	1.2	94	0.00
77 T	Bromobenzene	0.922	0.929	-0.8	99	0.00
78 T	n-propylbenzene	4.585	4.792	-4.5	102	0.00
79 T	2-Chlorotoluene	2.860	2.873	-0.5	100	0.00
80 T	1,3,5-Trimethylbenzene	3.415	3.592	-5.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.462	0.450	2.6	92	0.00
82 T	4-Chlorotoluene	3.260	3.418	-4.8	102	0.00
83 T	tert-Butylbenzene	3.294	3.417	-3.7	102	0.00
84 T	1,2,4-Trimethylbenzene	3.445	3.620	-5.1	102	0.00
85 T	sec-Butylbenzene	3.832	4.103	-7.1	104	0.00
86 T	p-Isopropyltoluene	3.457	3.810	-10.2	105	0.00
87 T	1,3-Dichlorobenzene	1.659	1.750	-5.5	103	0.00
88 T	1,4-Dichlorobenzene	1.676	1.742	-3.9	101	0.00
89 T	n-Butylbenzene	3.047	3.306	-8.5	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.616	0.643	-4.4	100	0.00
91 T	1,2-Dichlorobenzene	1.661	1.759	-5.9	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.337	0.335	0.6	90	0.00
93 T	1,2,4-Trichlorobenzene	1.013	1.118	-10.4	105	0.00
94 T	Hexachlorobutadiene	0.436	0.512	-17.4	114	0.00
95 T	Naphthalene	3.664	3.929	-7.2	97	0.00
96 T	1,2,3-Trichlorobenzene	1.014	1.123	-10.7	103	0.00

(#) = Out of Range

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