

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082219\
 Data File : VX011756.D
 Acq On : 22 Aug 2019 12:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 02:10:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 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	105	0.00
2 T	Dichlorodifluoromethane	0.467	0.499	-6.9	102	0.00
3 P	Chloromethane	0.409	0.395	3.4	99	0.00
4 C	Vinyl Chloride	0.409	0.385	5.9#	101	0.00
5 T	Bromomethane	0.225	0.208	7.6	102	0.00
6 T	Chloroethane	0.239	0.223	6.7	90	0.00
7 T	Trichlorofluoromethane	0.651	0.635	2.5	102	0.00
8 T	Diethyl Ether	0.221	0.208	5.9	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.403	0.381	5.5	98	0.00
10 T	Methyl Iodide	0.492	0.452	8.1	88	0.00
11 T	Tert butyl alcohol	0.099	0.089	10.1	93	0.00
12 CM	1,1-Dichloroethene	0.393	0.358	8.9#	98	0.00
13 T	Acrolein	0.038	0.037	2.6	114	0.00
14 T	Allyl chloride	0.614	0.570	7.2	92	0.00
15 T	Acrylonitrile	0.227	0.202	11.0	90	0.00
16 T	Acetone	0.218	0.199	8.7	94	0.00
17 T	Carbon Disulfide	0.994	0.919	7.5	95	0.00
18 T	Methyl Acetate	0.593	0.542	8.6	89	0.00
19 T	Methyl tert-butyl Ether	1.261	1.189	5.7	97	0.00
20 T	Methylene Chloride	0.447	0.394	11.9	93	0.00
21 T	trans-1,2-Dichloroethene	0.424	0.387	8.7	94	0.00
22 T	Diisopropyl ether	1.191	1.137	4.5	98	0.00
23 T	Vinyl Acetate	0.986	0.947	4.0	96	0.00
24 P	1,1-Dichloroethane	0.703	0.659	6.3	97	0.00
25 T	2-Butanone	0.314	0.300	4.5	99	0.00
26 T	2,2-Dichloropropane	0.597	0.579	3.0	101	0.00
27 T	cis-1,2-Dichloroethene	0.486	0.460	5.3	101	0.00
28 T	Bromochloromethane	0.319	0.311	2.5	99	0.00
29 T	Tetrahydrofuran	0.201	0.190	5.5	94	-0.01
30 C	Chloroform	0.763	0.723	5.2#	100	0.00
31 T	Cyclohexane	0.618	0.633	-2.4	102	0.00
32 T	1,1,1-Trichloroethane	0.663	0.658	0.8	99	0.00
33 S	1,2-Dichloroethane-d4	0.502	0.460	8.4	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.323	0.312	3.4	99	0.00
36 T	1,1-Dichloropropene	0.392	0.402	-2.6	106	0.00
37 T	Ethyl Acetate	0.415	0.411	1.0	97	0.00
38 T	Carbon Tetrachloride	0.444	0.442	0.5	103	0.00
39 T	Methylcyclohexane	0.486	0.521	-7.2	105	0.00
40 TM	Benzene	1.213	1.185	2.3	103	0.00
41 T	Methacrylonitrile	0.241	0.232	3.7	101	0.00
42 TM	1,2-Dichloroethane	0.443	0.422	4.7	98	0.00
43 T	Isopropyl Acetate	0.672	0.653	2.8	97	0.00
44 TM	Trichloroethene	0.374	0.367	1.9	102	0.00
45 C	1,2-Dichloropropane	0.305	0.299	2.0#	101	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.225	0.213	5.3	99	0.00
47 T	Bromodichloromethane	0.405	0.395	2.5	97	0.00
48 T	Methyl methacrylate	0.334	0.335	-0.3	98	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	99	0.00
50 S	Toluene-d8	1.128	1.141	-1.2	99	0.00
51 T	4-Methyl-2-Pentanone	0.443	0.425	4.1	97	0.00
52 CM	Toluene	0.785	0.775	1.3#	101	0.00
53 T	t-1,3-Dichloropropene	0.425	0.441	-3.8	100	0.00
54 T	cis-1,3-Dichloropropene	0.463	0.487	-5.2	102	0.00
55 T	1,1,2-Trichloroethane	0.327	0.321	1.8	101	0.00
56 T	Ethyl methacrylate	0.465	0.481	-3.4	98	0.00
57 T	1,3-Dichloropropane	0.528	0.503	4.7	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.245	0.261	-6.5	102	0.00
59 T	2-Hexanone	0.340	0.331	2.6	95	0.00
60 T	Dibromochloromethane	0.354	0.359	-1.4	99	0.00
61 T	1,2-Dibromoethane	0.351	0.347	1.1	99	0.00
62 S	4-Bromofluorobenzene	0.446	0.429	3.8	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.399	0.405	-1.5	103	0.00
65 PM	Chlorobenzene	0.976	0.954	2.3	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.367	-0.3	104	0.00
67 C	Ethyl Benzene	1.631	1.622	0.6#	101	0.00
68 T	m/p-Xylenes	0.629	0.647	-2.9	103	0.00
69 T	o-Xylene	0.618	0.623	-0.8	103	0.00
70 T	Styrene	1.033	1.071	-3.7	104	0.00
71 P	Bromoform	0.316	0.324	-2.5	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.013	3.047	-1.1	101	0.00
74 T	N-amyl acetate	1.167	1.160	0.6	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.951	4.6	100	0.00
76 T	1,2,3-Trichloropropane	0.877	0.850	3.1	99	0.00
77 T	Bromobenzene	0.888	0.887	0.1	104	0.00
78 T	n-propylbenzene	3.222	3.389	-5.2	102	0.00
79 T	2-Chlorotoluene	2.004	2.004	0.0	100	0.00
80 T	1,3,5-Trimethylbenzene	2.514	2.621	-4.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.291	0.301	-3.4	99	0.00
82 T	4-Chlorotoluene	2.311	2.334	-1.0	101	0.00
83 T	tert-Butylbenzene	2.480	2.601	-4.9	102	0.00
84 T	1,2,4-Trimethylbenzene	2.539	2.638	-3.9	101	0.00
85 T	sec-Butylbenzene	2.837	3.009	-6.1	106	0.00
86 T	p-Isopropyltoluene	2.730	2.905	-6.4	103	0.00
87 T	1,3-Dichlorobenzene	1.530	1.525	0.3	100	0.00
88 T	1,4-Dichlorobenzene	1.548	1.536	0.8	101	0.00
89 T	n-Butylbenzene	2.260	2.417	-6.9	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.424	0.451	-6.4	102	0.00
91 T	1,2-Dichlorobenzene	1.543	1.502	2.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.232	0.215	7.3	94	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.209	-6.5	104	0.00
94 T	Hexachlorobutadiene	0.622	0.667	-7.2	116	0.00
95 T	Naphthalene	3.126	3.348	-7.1	104	0.00
96 T	1,2,3-Trichlorobenzene	1.140	1.195	-4.8	103	0.00

(#) = Out of Range

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