

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX122419\
 Data File : VX014232.D
 Acq On : 24 Dec 2019 09:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 25 05:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 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	95	0.00
2 T	Dichlorodifluoromethane	0.447	0.406	9.2	89	0.00
3 P	Chloromethane	0.600	0.537	10.5	87	0.00
4 C	Vinyl Chloride	0.633	0.585	7.6#	92	0.00
5 T	Bromomethane	0.450	0.367	18.4	84	0.00
6 T	Chloroethane	0.391	0.376	3.8	96	0.01
7 T	Trichlorofluoromethane	0.784	0.766	2.3	97	0.00
8 T	Diethyl Ether	0.368	0.348	5.4	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.472	0.2	100	0.00
10 T	Methyl Iodide	0.575	0.573	0.3	89	0.00
11 T	Tert butyl alcohol	0.122	0.097	20.5#	82	-0.02
12 CM	1,1-Dichloroethene	0.481	0.464	3.5#	96	0.00
13 T	Acrolein	0.070	0.074	-5.7	110	0.00
14 T	Allyl chloride	0.859	0.840	2.2	96	0.00
15 T	Acrylonitrile	0.286	0.267	6.6	93	0.00
16 T	Acetone	0.368	0.318	13.6	82	0.00
17 T	Carbon Disulfide	1.418	1.196	15.7	88	0.00
18 T	Methyl Acetate	0.729	0.676	7.3	93	0.00
19 T	Methyl tert-butyl Ether	1.580	1.562	1.1	96	0.00
20 T	Methylene Chloride	0.579	0.538	7.1	98	0.00
21 T	trans-1,2-Dichloroethene	0.530	0.499	5.8	96	0.00
22 T	Diisopropyl ether	1.711	1.731	-1.2	99	0.00
23 T	Vinyl Acetate	1.397	1.433	-2.6	98	0.00
24 P	1,1-Dichloroethane	0.952	0.924	2.9	98	0.00
25 T	2-Butanone	0.454	0.420	7.5	89	0.00
26 T	2,2-Dichloropropane	0.739	0.740	-0.1	98	0.00
27 T	cis-1,2-Dichloroethene	0.599	0.583	2.7	97	0.00
28 T	Bromochloromethane	0.332	0.384	-15.7	98	0.00
29 T	Tetrahydrofuran	0.254	0.235	7.5	91	0.00
30 C	Chloroform	0.903	0.893	1.1#	97	0.00
31 T	Cyclohexane	0.847	0.833	1.7	94	0.00
32 T	1,1,1-Trichloroethane	0.769	0.759	1.3	97	0.00
33 S	1,2-Dichloroethane-d4	0.567	0.516	9.0	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.304	0.292	3.9	90	0.00
36 T	1,1-Dichloropropene	0.459	0.461	-0.4	97	0.00
37 T	Ethyl Acetate	0.507	0.490	3.4	90	0.00
38 T	Carbon Tetrachloride	0.418	0.432	-3.3	96	0.00
39 T	Methylcyclohexane	0.566	0.578	-2.1	98	0.00
40 TM	Benzene	1.412	1.415	-0.2	97	0.00
41 T	Methacrylonitrile	0.281	0.279	0.7	95	-0.01
42 TM	1,2-Dichloroethane	0.479	0.478	0.2	96	0.00
43 T	Isopropyl Acetate	0.838	0.830	1.0	94	0.00
44 TM	Trichloroethene	0.390	0.386	1.0	99	0.00
45 C	1,2-Dichloropropane	0.362	0.373	-3.0#	99	0.00

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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)
46 T	Dibromomethane	0.239	0.235	1.7	97	0.00
47 T	Bromodichloromethane	0.451	0.473	-4.9	98	0.00
48 T	Methyl methacrylate	0.411	0.406	1.2	93	0.00
49 T	1,4-Dioxane	0.008	0.007	12.5	84	0.00
50 S	Toluene-d8	1.183	1.126	4.8	88	0.00
51 T	4-Methyl-2-Pentanone	0.527	0.506	4.0	91	0.00
52 CM	Toluene	0.892	0.891	0.1#	96	0.00
53 T	t-1,3-Dichloropropene	0.494	0.521	-5.5	95	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.593	-7.8	98	0.00
55 T	1,1,2-Trichloroethane	0.358	0.361	-0.8	97	0.00
56 T	Ethyl methacrylate	0.562	0.570	-1.4	93	0.00
57 T	1,3-Dichloropropane	0.602	0.608	-1.0	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.222	-4.2	93	0.00
59 T	2-Hexanone	0.424	0.408	3.8	89	0.00
60 T	Dibromochloromethane	0.355	0.377	-6.2	97	0.00
61 T	1,2-Dibromoethane	0.366	0.370	-1.1	95	0.00
62 S	4-Bromofluorobenzene	0.433	0.402	7.2	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.442	0.452	-2.3	98	0.00
65 PM	Chlorobenzene	1.063	1.072	-0.8	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.391	-2.9	96	0.00
67 C	Ethyl Benzene	1.828	1.900	-3.9#	96	0.00
68 T	m/p-Xylenes	0.703	0.720	-2.4	96	0.00
69 T	o-Xylene	0.689	0.696	-1.0	94	0.00
70 T	Styrene	1.166	1.204	-3.3	94	0.00
71 P	Bromoform	0.305	0.317	-3.9	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.520	3.682	-4.6	97	0.00
74 T	N-amyl acetate	1.650	1.599	3.1	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.220	1.180	3.3	90	0.00
76 T	1,2,3-Trichloropropane	1.085	0.968	10.8	80	0.00
77 T	Bromobenzene	0.969	0.941	2.9	95	0.00
78 T	n-propylbenzene	3.949	4.264	-8.0	98	0.00
79 T	2-Chlorotoluene	2.400	2.453	-2.2	95	0.00
80 T	1,3,5-Trimethylbenzene	2.963	3.092	-4.4	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.385	0.397	-3.1	90	0.00
82 T	4-Chlorotoluene	2.784	2.859	-2.7	97	0.00
83 T	tert-Butylbenzene	2.883	3.013	-4.5	98	0.00
84 T	1,2,4-Trimethylbenzene	2.967	3.107	-4.7	96	0.00
85 T	sec-Butylbenzene	3.404	3.611	-6.1	98	0.00
86 T	p-Isopropyltoluene	3.114	3.349	-7.5	98	0.00
87 T	1,3-Dichlorobenzene	1.698	1.696	0.1	97	0.00
88 T	1,4-Dichlorobenzene	1.726	1.698	1.6	97	0.00
89 T	n-Butylbenzene	2.657	2.947	-10.9	100	0.00

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90 T	Hexachloroethane	0.559	0.583	-4.3	95	0.00
91 T	1,2-Dichlorobenzene	1.709	1.696	0.8	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.238	11.9	86	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.165	-4.9	99	0.00
94 T	Hexachlorobutadiene	0.534	0.564	-5.6	102	0.00
95 T	Naphthalene	3.263	3.360	-3.0	92	0.00
96 T	1,2,3-Trichlorobenzene	1.096	1.145	-4.5	96	0.00

(#) = Out of Range

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