

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX122619\
 Data File : VX014259.D
 Acq On : 26 Dec 2019 10:46
 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 27 06:27:53 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	92	0.00
2 T	Dichlorodifluoromethane	0.447	0.402	10.1	86	0.00
3 P	Chloromethane	0.600	0.545	9.2	86	0.00
4 C	Vinyl Chloride	0.633	0.581	8.2#	89	0.00
5 T	Bromomethane	0.450	0.379	15.8	84	0.00
6 T	Chloroethane	0.391	0.376	3.8	93	0.01
7 T	Trichlorofluoromethane	0.784	0.755	3.7	92	0.00
8 T	Diethyl Ether	0.368	0.346	6.0	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.468	1.1	96	0.00
10 T	Methyl Iodide	0.575	0.581	-1.0	87	0.00
11 T	Tert butyl alcohol	0.122	0.103	15.6	85	-0.02
12 CM	1,1-Dichloroethene	0.481	0.449	6.7#	90	0.00
13 T	Acrolein	0.070	0.074	-5.7	105	0.00
14 T	Allyl chloride	0.859	0.840	2.2	93	0.00
15 T	Acrylonitrile	0.286	0.279	2.4	94	0.00
16 T	Acetone	0.368	0.310	15.8	78	0.00
17 T	Carbon Disulfide	1.418	1.168	17.6	83	0.00
18 T	Methyl Acetate	0.729	0.712	2.3	95	0.00
19 T	Methyl tert-butyl Ether	1.580	1.552	1.8	92	0.00
20 T	Methylene Chloride	0.579	0.531	8.3	93	0.00
21 T	trans-1,2-Dichloroethene	0.530	0.491	7.4	91	0.00
22 T	Diisopropyl ether	1.711	1.750	-2.3	97	0.00
23 T	Vinyl Acetate	1.397	1.455	-4.2	97	0.00
24 P	1,1-Dichloroethane	0.952	0.916	3.8	94	0.00
25 T	2-Butanone	0.454	0.420	7.5	86	0.00
26 T	2,2-Dichloropropane	0.739	0.729	1.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.599	0.573	4.3	93	0.00
28 T	Bromochloromethane	0.332	0.403	-21.4#	100	0.00
29 T	Tetrahydrofuran	0.254	0.246	3.1	93	0.00
30 C	Chloroform	0.903	0.891	1.3#	93	0.00
31 T	Cyclohexane	0.847	0.829	2.1	91	0.00
32 T	1,1,1-Trichloroethane	0.769	0.744	3.3	92	0.00
33 S	1,2-Dichloroethane-d4	0.567	0.497	12.3	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.304	0.277	8.9	83	0.00
36 T	1,1-Dichloropropene	0.459	0.453	1.3	93	0.00
37 T	Ethyl Acetate	0.507	0.508	-0.2	92	0.00
38 T	Carbon Tetrachloride	0.418	0.420	-0.5	91	0.00
39 T	Methylcyclohexane	0.566	0.563	0.5	93	0.00
40 TM	Benzene	1.412	1.385	1.9	93	0.00
41 T	Methacrylonitrile	0.281	0.289	-2.8	97	0.00
42 TM	1,2-Dichloroethane	0.479	0.475	0.8	94	0.00
43 T	Isopropyl Acetate	0.838	0.838	0.0	92	0.00
44 TM	Trichloroethene	0.390	0.375	3.8	94	0.00
45 C	1,2-Dichloropropane	0.362	0.365	-0.8#	95	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.239	0.230	3.8	92	0.00
47 T	Bromodichloromethane	0.451	0.465	-3.1	95	0.00
48 T	Methyl methacrylate	0.411	0.414	-0.7	92	0.00
49 T	1,4-Dioxane	0.008	0.007	12.5	85	0.00
50 S	Toluene-d8	1.183	1.075	9.1	82	0.00
51 T	4-Methyl-2-Pentanone	0.527	0.519	1.5	91	0.00
52 CM	Toluene	0.892	0.872	2.2#	92	0.00
53 T	t-1,3-Dichloropropene	0.494	0.511	-3.4	91	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.577	-4.9	93	0.00
55 T	1,1,2-Trichloroethane	0.358	0.357	0.3	94	0.00
56 T	Ethyl methacrylate	0.562	0.570	-1.4	90	0.00
57 T	1,3-Dichloropropane	0.602	0.603	-0.2	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.226	-6.1	92	0.00
59 T	2-Hexanone	0.424	0.406	4.2	86	0.00
60 T	Dibromochloromethane	0.355	0.373	-5.1	93	0.00
61 T	1,2-Dibromoethane	0.366	0.362	1.1	91	0.00
62 S	4-Bromofluorobenzene	0.433	0.385	11.1	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.442	0.436	1.4	92	0.00
65 PM	Chlorobenzene	1.063	1.042	2.0	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.390	-2.6	94	0.00
67 C	Ethyl Benzene	1.828	1.845	-0.9#	91	0.00
68 T	m/p-Xylenes	0.703	0.704	-0.1	92	0.00
69 T	o-Xylene	0.689	0.678	1.6	90	0.00
70 T	Styrene	1.166	1.175	-0.8	90	0.00
71 P	Bromoform	0.305	0.313	-2.6	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.520	3.588	-1.9	92	0.00
74 T	N-amyl acetate	1.650	1.625	1.5	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.220	1.180	3.3	88	0.00
76 T	1,2,3-Trichloropropane	1.085	0.965	11.1	78	0.00
77 T	Bromobenzene	0.969	0.920	5.1	91	0.00
78 T	n-propylbenzene	3.949	4.119	-4.3	92	0.00
79 T	2-Chlorotoluene	2.400	2.408	-0.3	91	0.00
80 T	1,3,5-Trimethylbenzene	2.963	3.033	-2.4	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.385	0.404	-4.9	89	0.00
82 T	4-Chlorotoluene	2.784	2.793	-0.3	92	0.00
83 T	tert-Butylbenzene	2.883	2.920	-1.3	92	0.00
84 T	1,2,4-Trimethylbenzene	2.967	3.044	-2.6	92	0.00
85 T	sec-Butylbenzene	3.404	3.534	-3.8	93	0.00
86 T	p-Isopropyltoluene	3.114	3.251	-4.4	93	0.00
87 T	1,3-Dichlorobenzene	1.698	1.657	2.4	92	0.00
88 T	1,4-Dichlorobenzene	1.726	1.652	4.3	92	0.00
89 T	n-Butylbenzene	2.657	2.835	-6.7	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.559	0.574	-2.7	91	0.00
91 T	1,2-Dichlorobenzene	1.709	1.643	3.9	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.241	10.7	85	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.120	-0.8	92	0.00
94 T	Hexachlorobutadiene	0.534	0.542	-1.5	95	0.00
95 T	Naphthalene	3.263	3.296	-1.0	88	0.00
96 T	1,2,3-Trichlorobenzene	1.096	1.121	-2.3	91	0.00

(#) = Out of Range

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