

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX121019\
 Data File : VX013913.D
 Acq On : 10 Dec 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 04:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 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	76	0.00
2 T	Dichlorodifluoromethane	0.557	0.511	8.3	69	0.00
3 P	Chloromethane	0.624	0.584	6.4	71	0.00
4 C	Vinyl Chloride	0.703	0.693	1.4#	73	0.00
5 T	Bromomethane	0.472	0.427	9.5	74	0.00
6 T	Chloroethane	0.400	0.396	1.0	79	0.00
7 T	Trichlorofluoromethane	0.780	0.747	4.2	76	0.00
8 T	Diethyl Ether	0.353	0.350	0.8	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.477	0.462	3.1	77	0.00
10 T	Methyl Iodide	0.577	0.581	-0.7	73	0.00
11 T	Tert butyl alcohol	0.143	0.126	11.9	72	0.00
12 CM	1,1-Dichloroethene	0.476	0.457	4.0#	75	0.00
13 T	Acrolein	0.088	0.098	-11.4	78	0.00
14 T	Allyl chloride	0.864	0.837	3.1	75	0.00
15 T	Acrylonitrile	0.296	0.299	-1.0	78	0.00
16 T	Acetone	0.287	0.260	9.4	70	0.00
17 T	Carbon Disulfide	1.356	1.128	16.8	66	0.00
18 T	Methyl Acetate	0.798	0.866	-8.5	81	0.00
19 T	Methyl tert-butyl Ether	1.576	1.580	-0.3	77	0.00
20 T	Methylene Chloride	0.551	0.539	2.2	79	0.00
21 T	trans-1,2-Dichloroethene	0.518	0.487	6.0	74	0.00
22 T	Diisopropyl ether	1.663	1.732	-4.1	80	0.00
23 T	Vinyl Acetate	1.383	1.385	-0.1	76	0.00
24 P	1,1-Dichloroethane	0.909	0.927	-2.0	79	0.00
25 T	2-Butanone	0.426	0.421	1.2	74	0.00
26 T	2,2-Dichloropropane	0.752	0.655	12.9	68	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.585	1.7	77	0.00
28 T	Bromochloromethane	0.320	0.394	-23.1#	83	0.00
29 T	Tetrahydrofuran	0.263	0.270	-2.7	77	0.00
30 C	Chloroform	0.922	0.908	1.5#	78	0.00
31 T	Cyclohexane	0.857	0.803	6.3	74	0.00
32 T	1,1,1-Trichloroethane	0.770	0.767	0.4	78	0.00
33 S	1,2-Dichloroethane-d4	0.580	0.558	3.8	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.309	0.296	4.2	79	0.00
36 T	1,1-Dichloropropene	0.454	0.425	6.4	75	0.00
37 T	Ethyl Acetate	0.509	0.508	0.2	76	0.00
38 T	Carbon Tetrachloride	0.419	0.403	3.8	75	0.00
39 T	Methylcyclohexane	0.561	0.505	10.0	73	0.00
40 TM	Benzene	1.382	1.314	4.9	77	0.00
41 T	Methacrylonitrile	0.279	0.286	-2.5	78	0.00
42 TM	1,2-Dichloroethane	0.471	0.463	1.7	79	0.00
43 T	Isopropyl Acetate	0.838	0.821	2.0	77	0.00
44 TM	Trichloroethene	0.379	0.373	1.6	80	0.00
45 C	1,2-Dichloropropane	0.346	0.352	-1.7#	81	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	0.235	0.224	4.7	78	0.00
47 T	Bromodichloromethane	0.444	0.445	-0.2	78	0.00
48 T	Methyl methacrylate	0.407	0.412	-1.2	77	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	67	0.00
50 S	Toluene-d8	1.204	1.106	8.1	76	0.00
51 T	4-Methyl-2-Pentanone	0.527	0.532	-0.9	79	0.00
52 CM	Toluene	0.859	0.827	3.7#	77	0.00
53 T	t-1,3-Dichloropropene	0.505	0.478	5.3	73	0.00
54 T	cis-1,3-Dichloropropene	0.552	0.539	2.4	75	0.00
55 T	1,1,2-Trichloroethane	0.346	0.349	-0.9	80	0.00
56 T	Ethyl methacrylate	0.556	0.559	-0.5	78	0.00
57 T	1,3-Dichloropropane	0.597	0.590	1.2	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.218	0.213	2.3	77	0.00
59 T	2-Hexanone	0.411	0.406	1.2	76	0.00
60 T	Dibromochloromethane	0.359	0.358	0.3	77	0.00
61 T	1,2-Dibromoethane	0.370	0.360	2.7	78	0.00
62 S	4-Bromofluorobenzene	0.434	0.402	7.4	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.373	0.389	-4.3	87	0.00
65 PM	Chlorobenzene	1.038	0.994	4.2	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.371	0.5	78	0.00
67 C	Ethyl Benzene	1.784	1.751	1.8#	77	0.00
68 T	m/p-Xylenes	0.683	0.661	3.2	76	0.00
69 T	o-Xylene	0.666	0.644	3.3	76	0.00
70 T	Styrene	1.120	1.117	0.3	77	0.00
71 P	Bromoform	0.308	0.308	0.0	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.507	3.455	1.5	77	0.00
74 T	N-amyl acetate	1.607	1.606	0.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.216	1.241	-2.1	80	0.00
76 T	1,2,3-Trichloropropane	1.125	1.132	-0.6	77	0.00
77 T	Bromobenzene	0.948	0.901	5.0	76	0.00
78 T	n-propylbenzene	3.915	3.861	1.4	76	0.00
79 T	2-Chlorotoluene	2.349	2.272	3.3	77	0.00
80 T	1,3,5-Trimethylbenzene	2.875	2.841	1.2	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.411	0.388	5.6	72	0.00
82 T	4-Chlorotoluene	2.720	2.624	3.5	77	0.00
83 T	tert-Butylbenzene	2.921	2.829	3.1	76	0.00
84 T	1,2,4-Trimethylbenzene	2.917	2.847	2.4	76	0.00
85 T	sec-Butylbenzene	3.337	3.315	0.7	77	0.00
86 T	p-Isopropyltoluene	3.104	3.062	1.4	77	0.00
87 T	1,3-Dichlorobenzene	1.652	1.571	4.9	76	0.00
88 T	1,4-Dichlorobenzene	1.682	1.564	7.0	77	0.00
89 T	n-Butylbenzene	2.648	2.596	2.0	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.561	0.541	3.6	76	0.00
91 T	1,2-Dichlorobenzene	1.632	1.595	2.3	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.265	0.258	2.6	74	0.00
93 T	1,2,4-Trichlorobenzene	1.137	1.024	9.9	71	0.00
94 T	Hexachlorobutadiene	0.546	0.480	12.1	74	0.00
95 T	Naphthalene	3.387	3.279	3.2	73	0.00
96 T	1,2,3-Trichlorobenzene	1.126	1.051	6.7	74	0.00

(#) = Out of Range

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