

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX030519\
 Data File : VX007827.D
 Acq On : 05 Mar 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 05 14:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 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	98	0.00
2 T	Dichlorodifluoromethane	0.461	0.394	14.5	82	0.00
3 P	Chloromethane	0.510	0.475	6.9	97	0.00
4 C	Vinyl Chloride	0.524	0.505	3.6#	96	0.00
5 T	Bromomethane	0.378	0.273	27.8#	80	0.00
6 T	Chloroethane	0.335	0.340	-1.5	104	0.00
7 T	Trichlorofluoromethane	0.803	0.696	13.3	86	0.00
8 T	Diethyl Ether	0.329	0.306	7.0	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.485	0.451	7.0	96	0.00
10 T	Methyl Iodide	0.604	0.626	-3.6	95	0.00
11 T	Tert butyl alcohol	0.118	0.111	5.9	95	0.00
12 CM	1,1-Dichloroethene	0.437	0.417	4.6#	95	0.00
13 T	Acrolein	0.104	0.144	-38.5#	136	0.00
14 T	Allyl chloride	0.809	0.871	-7.7	107	0.00
15 T	Acrylonitrile	0.277	0.281	-1.4	100	0.00
16 T	Acetone	0.275	0.299	-8.7	111	0.00
17 T	Carbon Disulfide	1.217	1.212	0.4	98	0.00
18 T	Methyl Acetate	0.601	0.680	-13.1	113	0.00
19 T	Methyl tert-butyl Ether	1.523	1.478	3.0	96	0.00
20 T	Methylene Chloride	0.509	0.460	9.6	94	0.00
21 T	trans-1,2-Dichloroethene	0.475	0.441	7.2	92	0.00
22 T	Diisopropyl ether	1.683	1.643	2.4	95	0.00
23 T	Vinyl Acetate	1.477	1.444	2.2	94	0.00
24 P	1,1-Dichloroethane	0.915	0.867	5.2	94	0.00
25 T	2-Butanone	0.420	0.410	2.4	95	0.00
26 T	2,2-Dichloropropane	0.730	0.668	8.5	91	0.00
27 T	cis-1,2-Dichloroethene	0.605	0.523	13.6	87	0.00
28 T	Bromochloromethane	0.445	0.408	8.3	91	0.00
29 T	Tetrahydrofuran	0.277	0.255	7.9	90	0.00
30 C	Chloroform	0.980	0.832	15.1#	84	0.00
31 T	Cyclohexane	0.861	0.808	6.2	94	0.00
32 T	1,1,1-Trichloroethane	0.811	0.718	11.5	87	0.00
33 S	1,2-Dichloroethane-d4	0.619	0.536	13.4	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.334	0.339	-1.5	87	0.00
36 T	1,1-Dichloropropene	0.450	0.453	-0.7	89	0.00
37 T	Ethyl Acetate	0.499	0.516	-3.4	89	0.00
38 T	Carbon Tetrachloride	0.452	0.450	0.4	88	0.00
39 T	Methylcyclohexane	0.568	0.590	-3.9	92	0.00
40 TM	Benzene	1.388	1.371	1.2	87	0.00
41 T	Methacrylonitrile	0.267	0.298	-11.6	96	0.00
42 TM	1,2-Dichloroethane	0.466	0.444	4.7	84	0.00
43 T	Isopropyl Acetate	0.769	0.815	-6.0	89	0.00
44 TM	Trichloroethene	0.382	0.379	0.8	89	0.00
45 C	1,2-Dichloropropane	0.359	0.369	-2.8#	90	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	0.251	0.230	8.4	83	0.00
47 T	Bromodichloromethane	0.435	0.452	-3.9	87	0.00
48 T	Methyl methacrylate	0.403	0.425	-5.5	92	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	83	0.00
50 S	Toluene-d8	1.280	1.256	1.9	84	0.00
51 T	4-Methyl-2-Pentanone	0.514	0.512	0.4	84	0.00
52 CM	Toluene	0.875	0.851	2.7#	84	0.00
53 T	t-1,3-Dichloropropene	0.477	0.512	-7.3	87	0.00
54 T	cis-1,3-Dichloropropene	0.527	0.563	-6.8	88	0.00
55 T	1,1,2-Trichloroethane	0.365	0.346	5.2	84	0.00
56 T	Ethyl methacrylate	0.519	0.534	-2.9	86	0.00
57 T	1,3-Dichloropropane	0.584	0.576	1.4	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.286	0.360	-25.9#	108	0.00
59 T	2-Hexanone	0.404	0.397	1.7	84	0.00
60 T	Dibromochloromethane	0.351	0.382	-8.8	91	0.00
61 T	1,2-Dibromoethane	0.379	0.366	3.4	83	0.00
62 S	4-Bromofluorobenzene	0.470	0.452	3.8	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.406	0.431	-6.2	92	0.00
65 PM	Chlorobenzene	1.081	1.069	1.1	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.377	0.400	-6.1	88	0.00
67 C	Ethyl Benzene	1.791	1.839	-2.7#	85	0.00
68 T	m/p-Xylenes	0.697	0.707	-1.4	85	0.00
69 T	o-Xylene	0.670	0.679	-1.3	84	0.00
70 T	Styrene	1.102	1.136	-3.1	84	0.00
71 P	Bromoform	0.283	0.345	-21.9#	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.574	3.503	2.0	85	0.00
74 T	N-amyl acetate	1.552	1.530	1.4	84	0.00
75 P	1,1,2,2-Tetrachloroethane	1.236	1.097	11.2	82	0.00
76 T	1,2,3-Trichloropropane	1.066	0.908	14.8	79	0.00
77 T	Bromobenzene	0.896	0.917	-2.3	90	0.00
78 T	n-propylbenzene	4.038	3.977	1.5	83	0.00
79 T	2-Chlorotoluene	2.431	2.312	4.9	82	0.00
80 T	1,3,5-Trimethylbenzene	2.939	2.894	1.5	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.353	0.364	-3.1	85	0.00
82 T	4-Chlorotoluene	2.844	2.690	5.4	80	0.00
83 T	tert-Butylbenzene	2.822	2.912	-3.2	88	0.00
84 T	1,2,4-Trimethylbenzene	3.007	2.970	1.2	83	0.00
85 T	sec-Butylbenzene	3.537	3.544	-0.2	85	0.00
86 T	p-Isopropyltoluene	3.097	3.197	-3.2	85	0.00
87 T	1,3-Dichlorobenzene	1.663	1.671	-0.5	89	0.00
88 T	1,4-Dichlorobenzene	1.703	1.688	0.9	89	0.00
89 T	n-Butylbenzene	2.762	2.786	-0.9	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.522	0.537	-2.9	87	0.00
91 T	1,2-Dichlorobenzene	1.664	1.642	1.3	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.269	0.239	11.2	79	0.00
93 T	1,2,4-Trichlorobenzene	1.015	1.237	-21.9#	108	0.00
94 T	Hexachlorobutadiene	0.465	0.650	-39.8#	128	0.00
95 T	Naphthalene	3.290	3.482	-5.8	88	0.00
96 T	1,2,3-Trichlorobenzene	1.020	1.217	-19.3	106	0.00

(#) = Out of Range

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