

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061520\
 Data File : VX016767.D
 Acq On : 15 Jun 2020 20:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 16 08:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	34#	0.01
2 T	Dichlorodifluoromethane	0.504	0.503	0.2	30#	0.00
3 P	Chloromethane	0.546	0.533	2.4	34#	0.00
4 C	Vinyl Chloride	0.582	0.599	-2.9#	35#	0.00
5 T	Bromomethane	0.362	0.317	12.4	32#	0.02
6 T	Chloroethane	0.359	0.328	8.6	31#	0.00
7 T	Trichlorofluoromethane	0.839	0.782	6.8	30#	0.00
8 T	Diethyl Ether	0.343	0.141	58.9#	15#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.427	0.354	17.1	27#	0.00
10 T	Methyl Iodide	0.533	0.653	-22.5	41#	0.00
11 T	Tert butyl alcohol	0.141	0.019	86.5#	5#	0.02
12 CM	1,1-Dichloroethene	0.489	0.450	8.0#	33#	0.00
13 T	Acrolein	0.064	0.011	82.8#	7#	0.00
14 T	Allyl chloride	0.764	0.549	28.1#	26#	0.00
15 T	Acrylonitrile	0.287	0.069	76.0#	9#	0.00
16 T	Acetone	0.255	0.054	78.8#	8#	0.01
17 T	Carbon Disulfide	1.400	1.358	3.0	35#	0.00
18 T	Methyl Acetate	0.681	0.169	75.2#	9#	0.01
19 T	Methyl tert-butyl Ether	1.666	0.635	61.9#	14#	0.00
20 T	Methylene Chloride	0.550	0.332	39.6#	22#	0.00
21 T	trans-1,2-Dichloroethene	0.525	0.434	17.3	30#	0.00
22 T	Diisopropyl ether	1.436	0.779	45.8#	19#	0.01
23 T	Vinyl Acetate	1.241	0.419	66.2#	12#	0.01
24 P	1,1-Dichloroethane	0.898	0.672	25.2#	27#	0.00
25 T	2-Butanone	0.384	0.074	80.7#	7#	0.01
26 T	2,2-Dichloropropane	0.831	0.614	26.1#	26#	0.01
27 T	cis-1,2-Dichloroethene	0.600	0.403	32.8#	25#	0.00
28 T	Bromochloromethane	0.383	0.192	49.9#	19#	0.00
29 T	Tetrahydrofuran	0.249	0.051	79.5#	7#	0.02
30 C	Chloroform	0.950	0.646	32.0#	24#	0.01
31 T	Cyclohexane	0.671	0.599	10.7	28#	0.01
32 T	1,1,1-Trichloroethane	0.862	0.731	15.2	29#	0.00
33 S	1,2-Dichloroethane-d4	0.593	0.306	48.4#	19#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	30#	0.00
35 S	Dibromofluoromethane	0.308	0.259	15.9	26#	0.00
36 T	1,1-Dichloropropene	0.442	0.443	-0.2	30#	0.00
37 T	Ethyl Acetate	0.484	0.131	72.9#	9#	0.01
38 T	Carbon Tetrachloride	0.502	0.500	0.4	29#	0.00
39 T	Methylcyclohexane	0.466	0.457	1.9	27#	0.00
40 TM	Benzene	1.345	1.132	15.8	26#	0.00
41 T	Methacrylonitrile	0.258	0.074	71.3#	9#	0.01
42 TM	1,2-Dichloroethane	0.491	0.260	47.0#	16#	0.00
43 T	Isopropyl Acetate	0.758	0.238	68.6#	10#	0.00
44 TM	Trichloroethene	0.416	0.358	13.9	26#	0.00
45 C	1,2-Dichloropropane	0.330	0.231	30.0#	21#	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.240	0.114	52.5#	15#	0.00
47 T	Bromodichloromethane	0.501	0.316	36.9#	19#	0.00
48 T	Methyl methacrylate	0.359	0.112	68.8#	10#	0.00
49 T	1,4-Dioxane	0.009	0.001	88.9#	3#	0.03
50 S	Toluene-d8	1.137	1.112	2.2	30#	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.125	73.2#	8#	0.00
52 CM	Toluene	0.874	0.714	18.3#	25#	0.00
53 T	t-1,3-Dichloropropene	0.566	0.263	53.5#	14#	0.00
54 T	cis-1,3-Dichloropropene	0.590	0.335	43.2#	17#	0.00
55 T	1,1,2-Trichloroethane	0.351	0.160	54.4#	14#	0.00
56 T	Ethyl methacrylate	0.526	0.186	64.6#	10#	0.00
57 T	1,3-Dichloropropane	0.591	0.274	53.6#	14#	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.086	66.8#	10#	0.00
59 T	2-Hexanone	0.361	0.085	76.5#	7#	0.00
60 T	Dibromochloromethane	0.415	0.202	51.3#	15#	0.00
61 T	1,2-Dibromoethane	0.383	0.153	60.1#	12#	0.00
62 S	4-Bromofluorobenzene	0.435	0.299	31.3#	21#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	24#	0.00
64 T	Tetrachloroethene	0.480	0.506	-5.4	25#	0.00
65 PM	Chlorobenzene	1.015	0.901	11.2	22#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.310	23.5	18#	0.00
67 C	Ethyl Benzene	1.715	1.744	-1.7#	24#	0.00
68 T	m/p-Xylenes	0.650	0.664	-2.2	23#	0.00
69 T	o-Xylene	0.626	0.577	7.8	21#	0.00
70 T	Styrene	1.083	0.904	16.5	19#	0.00
71 P	Bromoform	0.345	0.162	53.0#	11#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	20#	0.00
73 T	Isopropylbenzene	3.281	4.012	-22.3	24#	0.00
74 T	N-amyl acetate	1.275	0.576	54.8#	9#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.965	0.458	52.5#	10#	0.00
76 T	1,2,3-Trichloropropane	1.051	0.453	56.9#	9#	0.00
77 T	Bromobenzene	0.926	0.781	15.7	18#	0.00
78 T	n-propylbenzene	3.563	4.685	-31.5#	26#	0.00
79 T	2-Chlorotoluene	2.253	2.453	-8.9	22#	0.00
80 T	1,3,5-Trimethylbenzene	2.750	3.133	-13.9	22#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.418	0.094	77.5#	5#	0.00
82 T	4-Chlorotoluene	2.637	2.767	-4.9	22#	0.00
83 T	tert-Butylbenzene	2.517	2.962	-17.7	23#	0.00
84 T	1,2,4-Trimethylbenzene	2.782	2.936	-5.5	21#	0.00
85 T	sec-Butylbenzene	2.944	3.805	-29.2#	25#	0.00
86 T	p-Isopropyltoluene	2.824	3.357	-18.9	23#	0.00
87 T	1,3-Dichlorobenzene	1.566	1.458	6.9	19#	0.00
88 T	1,4-Dichlorobenzene	1.624	1.411	13.1	18#	0.00
89 T	n-Butylbenzene	2.332	2.831	-21.4	24#	0.00

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90 T	Hexachloroethane	0.521	0.538	-3.3	21#	0.00
91 T	1,2-Dichlorobenzene	1.566	1.142	27.1#	15#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.085	68.5#	7#	0.00
93 T	1,2,4-Trichlorobenzene	1.097	0.548	50.0#	11#	0.00
94 T	Hexachlorobutadiene	0.497	0.454	8.7	19#	0.00
95 T	Naphthalene	3.436	0.945	72.5#	6#	0.00
96 T	1,2,3-Trichlorobenzene	1.079	0.359	66.7#	7#	0.00

(#) = Out of Range

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