

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060918\
 Data File : VX002417.D
 Acq On : 09 Jun 2018 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 04:21:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 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	83	0.00
2 T	Dichlorodifluoromethane	0.520	0.505	2.9	78	0.00
3 P	Chloromethane	0.684	0.546	20.2#	73	0.00
4 C	Vinyl Chloride	0.655	0.617	5.8#	79	0.00
5 T	Bromomethane	0.521	0.270	48.2#	60	0.00
6 T	Chloroethane	0.424	0.406	4.2	83	0.00
7 T	Trichlorofluoromethane	0.998	1.077	-7.9	88	0.00
8 T	Diethyl Ether	0.407	0.377	7.4	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.624	-15.8	92	0.00
10 T	Methyl Iodide	0.758	0.401	47.1#	43#	0.00
11 T	Tert butyl alcohol	0.160	0.118	26.3#	63	-0.01
12 CM	1,1-Dichloroethene	0.532	0.533	-0.2#	86	0.00
13 T	Acrolein	0.077	0.061	20.8#	71	0.00
14 T	Allyl chloride	1.155	1.059	8.3	81	0.00
15 T	Acrylonitrile	0.341	0.296	13.2	77	0.00
16 T	Acetone	0.358	0.367	-2.5	91	0.00
17 T	Carbon Disulfide	1.403	1.317	6.1	80	0.00
18 T	Methyl Acetate	0.844	0.720	14.7	79	0.00
19 T	Methyl tert-butyl Ether	2.109	1.983	6.0	85	0.00
20 T	Methylene Chloride	0.710	0.597	15.9	85	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.564	3.9	85	0.00
22 T	Diisopropyl ether	2.155	2.107	2.2	89	0.00
23 T	Vinyl Acetate	1.873	1.824	2.6	88	0.00
24 P	1,1-Dichloroethane	1.142	1.129	1.1	87	0.00
25 T	2-Butanone	0.490	0.418	14.7	75	-0.01
26 T	2,2-Dichloropropane	0.892	0.833	6.6	82	0.00
27 T	cis-1,2-Dichloroethene	0.638	0.574	10.0	81	0.00
28 T	Bromochloromethane	0.553	0.514	7.1	80	0.00
29 T	Tetrahydrofuran	0.316	0.247	21.8#	69	0.00
30 C	Chloroform	1.102	1.027	6.8#	83	0.00
31 T	Cyclohexane	0.903	0.895	0.9	80	0.00
32 T	1,1,1-Trichloroethane	0.934	0.914	2.1	82	0.00
33 S	1,2-Dichloroethane-d4	0.778	0.644	17.2	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.393	0.367	6.6	75	0.00
36 T	1,1-Dichloropropene	0.526	0.537	-2.1	80	0.00
37 T	Ethyl Acetate	0.632	0.556	12.0	72	0.00
38 T	Carbon Tetrachloride	0.550	0.589	-7.1	82	0.00
39 T	Methylcyclohexane	0.599	0.687	-14.7	84	0.00
40 TM	Benzene	1.612	1.591	1.3	80	0.00
41 T	Methacrylonitrile	0.362	0.326	9.9	74	0.00
42 TM	1,2-Dichloroethane	0.640	0.622	2.8	80	0.00
43 T	Isopropyl Acetate	1.074	0.982	8.6	75	0.00
44 TM	Trichloroethene	0.447	0.457	-2.2	79	0.00
45 C	1,2-Dichloropropane	0.435	0.429	1.4#	80	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.295	0.288	2.4	82	0.00
47 T	Bromodichloromethane	0.533	0.553	-3.8	82	0.00
48 T	Methyl methacrylate	0.539	0.501	7.1	74	0.00
49 T	1,4-Dioxane	0.010	0.008	20.0	60	0.00
50 S	Toluene-d8	1.507	1.411	6.4	73	0.00
51 T	4-Methyl-2-Pentanone	0.669	0.617	7.8	74	0.00
52 CM	Toluene	1.025	1.058	-3.2#	82	0.00
53 T	t-1,3-Dichloropropene	0.640	0.660	-3.1	80	0.00
54 T	cis-1,3-Dichloropropene	0.604	0.626	-3.6	79	0.00
55 T	1,1,2-Trichloroethane	0.422	0.432	-2.4	83	0.00
56 T	Ethyl methacrylate	0.673	0.656	2.5	79	0.00
57 T	1,3-Dichloropropane	0.707	0.708	-0.1	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.312	0.324	-3.8	83	0.00
59 T	2-Hexanone	0.516	0.488	5.4	74	0.00
60 T	Dibromochloromethane	0.424	0.463	-9.2	83	0.00
61 T	1,2-Dibromoethane	0.440	0.450	-2.3	81	0.00
62 S	4-Bromofluorobenzene	0.581	0.549	5.5	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.516	0.524	-1.6	81	0.00
65 PM	Chlorobenzene	1.244	1.245	-0.1	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.450	0.465	-3.3	84	0.00
67 C	Ethyl Benzene	2.082	2.170	-4.2#	83	0.00
68 T	m/p-Xylenes	0.809	0.846	-4.6	83	0.00
69 T	o-Xylene	0.805	0.824	-2.4	83	0.00
70 T	Styrene	1.317	1.379	-4.7	83	0.00
71 P	Bromoform	0.357	0.361	-1.1	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.478	3.521	-1.2	86	0.00
74 T	N-amyl acetate	1.874	1.525	18.6	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.094	0.981	10.3	82	0.00
76 T	1,2,3-Trichloropropane	1.097	0.975	11.1	79	0.00
77 T	Bromobenzene	0.976	0.939	3.8	85	0.00
78 T	n-propylbenzene	3.866	4.092	-5.8	86	0.00
79 T	2-Chlorotoluene	2.441	2.342	4.1	84	0.00
80 T	1,3,5-Trimethylbenzene	2.983	3.018	-1.2	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.313	0.257	17.9	69	0.00
82 T	4-Chlorotoluene	2.818	2.819	-0.0	85	0.00
83 T	tert-Butylbenzene	2.905	2.968	-2.2	87	0.00
84 T	1,2,4-Trimethylbenzene	3.071	3.099	-0.9	85	0.00
85 T	sec-Butylbenzene	3.406	3.692	-8.4	87	0.00
86 T	p-Isopropyltoluene	3.102	3.380	-9.0	87	0.00
87 T	1,3-Dichlorobenzene	1.746	1.757	-0.6	87	0.00
88 T	1,4-Dichlorobenzene	1.800	1.787	0.7	88	0.00
89 T	n-Butylbenzene	2.602	2.989	-14.9	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.495	0.483	2.4	80	0.00
91 T	1,2-Dichlorobenzene	1.806	1.761	2.5	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.239	0.215	10.0	74	0.00
93 T	1,2,4-Trichlorobenzene	1.267	1.345	-6.2	88	0.00
94 T	Hexachlorobutadiene	0.626	0.734	-17.3	91	0.00
95 T	Naphthalene	3.639	3.534	2.9	81	0.00
96 T	1,2,3-Trichlorobenzene	1.292	1.341	-3.8	87	0.00

(#) = Out of Range

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