

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX012219\
 Data File : VX007172.D
 Acq On : 22 Jan 2019 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 23 00:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 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	89	0.00
2 T	Dichlorodifluoromethane	0.411	0.399	2.9	84	0.00
3 P	Chloromethane	0.478	0.431	9.8	83	0.00
4 C	Vinyl Chloride	0.514	0.470	8.6#	84	0.00
5 T	Bromomethane	0.549	0.480	12.6	88	0.00
6 T	Chloroethane	0.359	0.308	14.2	88	0.00
7 T	Trichlorofluoromethane	0.831	0.775	6.7	90	0.00
8 T	Diethyl Ether	0.331	0.298	10.0	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.497	0.478	3.8	97	0.00
10 T	Methyl Iodide	0.671	0.661	1.5	86	0.00
11 T	Tert butyl alcohol	0.123	0.094	23.6#	77	0.00
12 CM	1,1-Dichloroethene	0.460	0.418	9.1#	88	0.00
13 T	Acrolein	0.056	0.040	28.6#	69	0.00
14 T	Allyl chloride	0.788	0.729	7.5	88	0.00
15 T	Acrylonitrile	0.283	0.241	14.8	83	0.00
16 T	Acetone	0.258	0.245	5.0	95	0.00
17 T	Carbon Disulfide	1.183	0.969	18.1	78	0.00
18 T	Methyl Acetate	0.748	0.654	12.6	88	0.00
19 T	Methyl tert-butyl Ether	1.595	1.466	8.1	89	0.00
20 T	Methylene Chloride	0.548	0.480	12.4	90	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.455	11.1	89	0.00
22 T	Diisopropyl ether	1.481	1.414	4.5	92	0.00
23 T	Vinyl Acetate	1.249	1.175	5.9	90	0.00
24 P	1,1-Dichloroethane	0.828	0.821	0.8	95	0.00
25 T	2-Butanone	0.370	0.327	11.6	85	-0.01
26 T	2,2-Dichloropropane	0.637	0.634	0.5	96	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.523	7.4	90	0.00
28 T	Bromochloromethane	0.363	0.345	5.0	85	0.00
29 T	Tetrahydrofuran	0.240	0.197	17.9	79	-0.01
30 C	Chloroform	0.867	0.834	3.8#	94	0.00
31 T	Cyclohexane	0.737	0.685	7.1	89	0.00
32 T	1,1,1-Trichloroethane	0.735	0.723	1.6	93	0.00
33 S	1,2-Dichloroethane-d4	0.523	0.518	1.0	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.320	0.338	-5.6	89	0.00
36 T	1,1-Dichloropropene	0.435	0.428	1.6	92	0.00
37 T	Ethyl Acetate	0.466	0.416	10.7	82	0.00
38 T	Carbon Tetrachloride	0.437	0.446	-2.1	93	0.00
39 T	Methylcyclohexane	0.554	0.547	1.3	93	0.00
40 TM	Benzene	1.326	1.275	3.8	89	0.00
41 T	Methacrylonitrile	0.268	0.239	10.8	87	0.00
42 TM	1,2-Dichloroethane	0.458	0.437	4.6	90	0.00
43 T	Isopropyl Acetate	0.735	0.695	5.4	85	0.00
44 TM	Trichloroethene	0.397	0.385	3.0	92	0.00
45 C	1,2-Dichloropropane	0.333	0.334	-0.3#	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.234	0.232	0.9	91	0.00
47 T	Bromodichloromethane	0.399	0.429	-7.5	96	0.00
48 T	Methyl methacrylate	0.378	0.358	5.3	87	0.00
49 T	1,4-Dioxane	0.010	0.007	30.0#	78	0.00
50 S	Toluene-d8	1.172	1.249	-6.6	89	0.00
51 T	4-Methyl-2-Pentanone	0.472	0.463	1.9	89	0.00
52 CM	Toluene	0.853	0.844	1.1#	92	0.00
53 T	t-1,3-Dichloropropene	0.442	0.482	-9.0	95	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.520	-6.3	94	0.00
55 T	1,1,2-Trichloroethane	0.341	0.353	-3.5	93	0.00
56 T	Ethyl methacrylate	0.498	0.521	-4.6	94	0.00
57 T	1,3-Dichloropropane	0.559	0.568	-1.6	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.256	0.333	-30.1#	110	0.00
59 T	2-Hexanone	0.360	0.363	-0.8	93	0.00
60 T	Dibromochloromethane	0.331	0.377	-13.9	97	0.00
61 T	1,2-Dibromoethane	0.376	0.372	1.1	90	0.00
62 S	4-Bromofluorobenzene	0.409	0.483	-18.1	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.433	0.432	0.2	101	0.00
65 PM	Chlorobenzene	1.091	1.089	0.2	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.397	-8.2	99	0.00
67 C	Ethyl Benzene	1.800	1.808	-0.4#	98	0.00
68 T	m/p-Xylenes	0.709	0.722	-1.8	99	0.00
69 T	o-Xylene	0.692	0.704	-1.7	99	0.00
70 T	Styrene	1.096	1.158	-5.7	102	0.00
71 P	Bromoform	0.281	0.312	-11.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.526	3.421	3.0	102	0.00
74 T	N-amyl acetate	1.420	1.316	7.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.119	1.002	10.5	95	0.00
76 T	1,2,3-Trichloropropane	1.013	0.948	6.4	97	0.00
77 T	Bromobenzene	0.971	0.927	4.5	100	0.00
78 T	n-propylbenzene	3.870	3.952	-2.1	105	0.00
79 T	2-Chlorotoluene	2.330	2.297	1.4	105	0.00
80 T	1,3,5-Trimethylbenzene	2.946	2.902	1.5	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.285	0.295	-3.5	96	0.00
82 T	4-Chlorotoluene	2.698	2.685	0.5	104	0.00
83 T	tert-Butylbenzene	2.939	2.866	2.5	101	0.00
84 T	1,2,4-Trimethylbenzene	2.962	2.966	-0.1	103	0.00
85 T	sec-Butylbenzene	3.510	3.575	-1.9	107	0.00
86 T	p-Isopropyltoluene	3.140	3.242	-3.2	108	0.00
87 T	1,3-Dichlorobenzene	1.756	1.730	1.5	107	0.00
88 T	1,4-Dichlorobenzene	1.806	1.736	3.9	108	0.00
89 T	n-Butylbenzene	2.677	2.842	-6.2	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.443	0.499	-12.6	108	0.00
91 T	1,2-Dichlorobenzene	1.733	1.683	2.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.221	0.202	8.6	90	0.00
93 T	1,2,4-Trichlorobenzene	1.189	1.229	-3.4	110	0.00
94 T	Hexachlorobutadiene	0.528	0.583	-10.4	117	0.00
95 T	Naphthalene	3.602	3.455	4.1	101	0.00
96 T	1,2,3-Trichlorobenzene	1.181	1.199	-1.5	109	0.00

(#) = Out of Range

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