

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX012619\
 Data File : VX007230.D
 Acq On : 25 Jan 2019 15:34
 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 28 00:26:56 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	85	0.00
2 T	Dichlorodifluoromethane	0.411	0.365	11.2	73	0.00
3 P	Chloromethane	0.478	0.401	16.1	73	0.00
4 C	Vinyl Chloride	0.514	0.450	12.5#	77	0.00
5 T	Bromomethane	0.549	0.443	19.3	77	0.00
6 T	Chloroethane	0.359	0.299	16.7	81	0.00
7 T	Trichlorofluoromethane	0.831	0.763	8.2	84	0.00
8 T	Diethyl Ether	0.331	0.300	9.4	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.497	0.465	6.4	89	0.00
10 T	Methyl Iodide	0.671	0.667	0.6	82	0.00
11 T	Tert butyl alcohol	0.123	0.110	10.6	85	0.00
12 CM	1,1-Dichloroethene	0.460	0.411	10.7#	83	0.00
13 T	Acrolein	0.056	0.052	7.1	85	0.00
14 T	Allyl chloride	0.788	0.748	5.1	86	0.00
15 T	Acrylonitrile	0.283	0.269	4.9	88	0.00
16 T	Acetone	0.258	0.246	4.7	90	0.00
17 T	Carbon Disulfide	1.183	0.900	23.9#	69	0.00
18 T	Methyl Acetate	0.748	0.750	-0.3	96	0.00
19 T	Methyl tert-butyl Ether	1.595	1.523	4.5	87	0.00
20 T	Methylene Chloride	0.548	0.474	13.5	85	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.446	12.9	83	0.00
22 T	Diisopropyl ether	1.481	1.426	3.7	88	0.00
23 T	Vinyl Acetate	1.249	1.167	6.6	85	0.00
24 P	1,1-Dichloroethane	0.828	0.804	2.9	89	0.00
25 T	2-Butanone	0.370	0.357	3.5	88	0.00
26 T	2,2-Dichloropropane	0.637	0.616	3.3	89	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.509	9.9	83	0.00
28 T	Bromochloromethane	0.363	0.319	12.1	75	0.00
29 T	Tetrahydrofuran	0.240	0.225	6.2	86	0.00
30 C	Chloroform	0.867	0.842	2.9#	90	0.00
31 T	Cyclohexane	0.737	0.657	10.9	81	0.00
32 T	1,1,1-Trichloroethane	0.735	0.707	3.8	86	0.00
33 S	1,2-Dichloroethane-d4	0.523	0.512	2.1	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.320	0.330	-3.1	82	0.00
36 T	1,1-Dichloropropene	0.435	0.414	4.8	84	0.00
37 T	Ethyl Acetate	0.466	0.459	1.5	85	0.00
38 T	Carbon Tetrachloride	0.437	0.434	0.7	86	0.00
39 T	Methylcyclohexane	0.554	0.523	5.6	84	0.00
40 TM	Benzene	1.326	1.280	3.5	85	0.00
41 T	Methacrylonitrile	0.268	0.258	3.7	89	0.00
42 TM	1,2-Dichloroethane	0.458	0.448	2.2	88	0.00
43 T	Isopropyl Acetate	0.735	0.744	-1.2	86	0.00
44 TM	Trichloroethene	0.397	0.388	2.3	87	0.00
45 C	1,2-Dichloropropane	0.333	0.333	0.0	87	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.234	0.232	0.9	87	0.00
47 T	Bromodichloromethane	0.399	0.426	-6.8	90	0.00
48 T	Methyl methacrylate	0.378	0.386	-2.1	89	0.00
49 T	1,4-Dioxane	0.010	0.008	20.0	82	0.00
50 S	Toluene-d8	1.172	1.209	-3.2	81	0.00
51 T	4-Methyl-2-Pentanone	0.472	0.492	-4.2	90	0.00
52 CM	Toluene	0.853	0.841	1.4#	87	0.00
53 T	t-1,3-Dichloropropene	0.442	0.475	-7.5	88	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.521	-6.5	89	0.00
55 T	1,1,2-Trichloroethane	0.341	0.359	-5.3	89	0.00
56 T	Ethyl methacrylate	0.498	0.518	-4.0	88	0.00
57 T	1,3-Dichloropropane	0.559	0.575	-2.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.256	0.269	-5.1	84	0.00
59 T	2-Hexanone	0.360	0.369	-2.5	89	0.00
60 T	Dibromochloromethane	0.331	0.375	-13.3	91	0.00
61 T	1,2-Dibromoethane	0.376	0.391	-4.0	89	0.00
62 S	4-Bromofluorobenzene	0.409	0.439	-7.3	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.433	0.449	-3.7	97	0.00
65 PM	Chlorobenzene	1.091	1.085	0.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.396	-7.9	91	0.00
67 C	Ethyl Benzene	1.800	1.778	1.2#	89	0.00
68 T	m/p-Xylenes	0.709	0.707	0.3	90	0.00
69 T	o-Xylene	0.692	0.686	0.9	90	0.00
70 T	Styrene	1.096	1.116	-1.8	91	0.00
71 P	Bromoform	0.281	0.310	-10.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.526	3.507	0.5	92	0.00
74 T	N-amyl acetate	1.420	1.355	4.6	86	0.00
75 P	1,1,2,2-Tetrachloroethane	1.119	1.066	4.7	90	0.00
76 T	1,2,3-Trichloropropane	1.013	1.010	0.3	91	0.00
77 T	Bromobenzene	0.971	0.929	4.3	89	0.00
78 T	n-propylbenzene	3.870	3.921	-1.3	92	0.00
79 T	2-Chlorotoluene	2.330	2.254	3.3	92	0.00
80 T	1,3,5-Trimethylbenzene	2.946	2.901	1.5	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.285	0.303	-6.3	88	0.00
82 T	4-Chlorotoluene	2.698	2.664	1.3	92	0.00
83 T	tert-Butylbenzene	2.939	2.934	0.2	92	0.00
84 T	1,2,4-Trimethylbenzene	2.962	2.958	0.1	91	0.00
85 T	sec-Butylbenzene	3.510	3.548	-1.1	94	0.00
86 T	p-Isopropyltoluene	3.140	3.168	-0.9	93	0.00
87 T	1,3-Dichlorobenzene	1.756	1.707	2.8	93	0.00
88 T	1,4-Dichlorobenzene	1.806	1.718	4.9	95	0.00
89 T	n-Butylbenzene	2.677	2.797	-4.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.443	0.502	-13.3	96	0.00
91 T	1,2-Dichlorobenzene	1.733	1.682	2.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.221	0.222	-0.5	88	0.00
93 T	1,2,4-Trichlorobenzene	1.189	1.218	-2.4	96	0.00
94 T	Hexachlorobutadiene	0.528	0.577	-9.3	102	0.00
95 T	Naphthalene	3.602	3.635	-0.9	95	0.00
96 T	1,2,3-Trichlorobenzene	1.181	1.185	-0.3	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5