

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX072519\
 Data File : VX011064.D
 Acq On : 25 Jul 2019 09:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 26 01:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 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	99	0.00
2 T	Dichlorodifluoromethane	0.467	0.537	-15.0	100	0.00
3 P	Chloromethane	0.460	0.457	0.7	98	0.00
4 C	Vinyl Chloride	0.469	0.478	-1.9#	97	0.00
5 T	Bromomethane	0.264	0.259	1.9	103	0.00
6 T	Chloroethane	0.298	0.300	-0.7	100	0.00
7 T	Trichlorofluoromethane	0.794	0.839	-5.7	104	0.00
8 T	Diethyl Ether	0.274	0.287	-4.7	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.453	0.493	-8.8	110	0.00
10 T	Methyl Iodide	0.595	0.632	-6.2	99	0.00
11 T	Tert butyl alcohol	0.124	0.122	1.6	104	0.00
12 CM	1,1-Dichloroethene	0.445	0.456	-2.5#	101	0.00
13 T	Acrolein	0.072	0.064	11.1	91	0.00
14 T	Allyl chloride	0.647	0.698	-7.9	108	0.00
15 T	Acrylonitrile	0.250	0.261	-4.4	106	0.00
16 T	Acetone	0.240	0.282	-17.5	118	0.00
17 T	Carbon Disulfide	1.142	1.094	4.2	94	0.00
18 T	Methyl Acetate	0.547	0.595	-8.8	118	0.00
19 T	Methyl tert-butyl Ether	1.434	1.592	-11.0	114	0.00
20 T	Methylene Chloride	0.509	0.526	-3.3	107	0.00
21 T	trans-1,2-Dichloroethene	0.473	0.487	-3.0	103	0.00
22 T	Diisopropyl ether	1.364	1.480	-8.5	111	0.00
23 T	Vinyl Acetate	1.156	1.291	-11.7	108	0.00
24 P	1,1-Dichloroethane	0.792	0.836	-5.6	109	0.00
25 T	2-Butanone	0.345	0.384	-11.3	110	0.00
26 T	2,2-Dichloropropane	0.651	0.746	-14.6	116	0.00
27 T	cis-1,2-Dichloroethene	0.547	0.574	-4.9	108	0.00
28 T	Bromochloromethane	0.373	0.364	2.4	102	0.00
29 T	Tetrahydrofuran	0.218	0.230	-5.5	106	0.00
30 C	Chloroform	0.856	0.921	-7.6#	112	0.00
31 T	Cyclohexane	0.722	0.740	-2.5	105	0.00
32 T	1,1,1-Trichloroethane	0.741	0.814	-9.9	110	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.522	1.9	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.317	0.317	0.0	98	0.00
36 T	1,1-Dichloropropene	0.411	0.446	-8.5	107	0.00
37 T	Ethyl Acetate	0.421	0.462	-9.7	104	0.00
38 T	Carbon Tetrachloride	0.428	0.495	-15.7	112	0.00
39 T	Methylcyclohexane	0.533	0.574	-7.7	106	0.00
40 TM	Benzene	1.258	1.364	-8.4	107	0.00
41 T	Methacrylonitrile	0.239	0.260	-8.8	113	0.00
42 TM	1,2-Dichloroethane	0.437	0.500	-14.4	116	0.00
43 T	Isopropyl Acetate	0.692	0.775	-12.0	110	0.00
44 TM	Trichloroethene	0.372	0.402	-8.1	107	0.00
45 C	1,2-Dichloropropane	0.320	0.352	-10.0#	110	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.259	-13.1	111	0.00
47 T	Bromodichloromethane	0.407	0.495	-21.6#	117	0.00
48 T	Methyl methacrylate	0.337	0.380	-12.8	112	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	106	0.00
50 S	Toluene-d8	1.190	1.166	2.0	95	0.00
51 T	4-Methyl-2-Pentanone	0.448	0.509	-13.6	110	0.00
52 CM	Toluene	0.826	0.896	-8.5#	107	0.00
53 T	t-1,3-Dichloropropene	0.438	0.546	-24.7#	117	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.579	-18.9	111	0.00
55 T	1,1,2-Trichloroethane	0.340	0.383	-12.6	112	0.00
56 T	Ethyl methacrylate	0.498	0.592	-18.9	112	0.00
57 T	1,3-Dichloropropane	0.540	0.604	-11.9	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.195	18.1	78	0.00
59 T	2-Hexanone	0.348	0.409	-17.5	110	0.00
60 T	Dibromochloromethane	0.345	0.434	-25.8#	116	0.00
61 T	1,2-Dibromoethane	0.361	0.413	-14.4	111	0.00
62 S	4-Bromofluorobenzene	0.438	0.473	-8.0	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.393	0.422	-7.4	110	0.00
65 PM	Chlorobenzene	1.027	1.117	-8.8	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.432	-19.7	115	0.00
67 C	Ethyl Benzene	1.748	1.955	-11.8#	111	0.00
68 T	m/p-Xylenes	0.671	0.756	-12.7	112	0.00
69 T	o-Xylene	0.654	0.734	-12.2	111	0.00
70 T	Styrene	1.091	1.285	-17.8	113	0.00
71 P	Bromoform	0.288	0.364	-26.4#	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.378	3.609	-6.8	113	0.00
74 T	N-amyl acetate	1.291	1.433	-11.0	112	0.00
75 P	1,1,2,2-Tetrachloroethane	1.106	1.171	-5.9	111	0.00
76 T	1,2,3-Trichloropropane	0.902	1.015	-12.5	116	0.00
77 T	Bromobenzene	0.932	0.997	-7.0	114	0.00
78 T	n-propylbenzene	3.733	4.160	-11.4	115	0.00
79 T	2-Chlorotoluene	2.242	2.447	-9.1	115	0.00
80 T	1,3,5-Trimethylbenzene	2.823	3.147	-11.5	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.328	0.381	-16.2	118	0.00
82 T	4-Chlorotoluene	2.610	2.913	-11.6	117	0.00
83 T	tert-Butylbenzene	2.773	3.081	-11.1	115	0.00
84 T	1,2,4-Trimethylbenzene	2.845	3.175	-11.6	115	0.00
85 T	sec-Butylbenzene	3.249	3.656	-12.5	115	0.00
86 T	p-Isopropyltoluene	3.004	3.431	-14.2	117	0.00
87 T	1,3-Dichlorobenzene	1.617	1.805	-11.6	117	0.00
88 T	1,4-Dichlorobenzene	1.659	1.809	-9.0	116	0.00
89 T	n-Butylbenzene	2.570	3.035	-18.1	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.474	0.567	-19.6	121	0.00
91 T	1,2-Dichlorobenzene	1.603	1.759	-9.7	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.268	-16.0	118	0.00
93 T	1,2,4-Trichlorobenzene	1.086	1.252	-15.3	118	0.00
94 T	Hexachlorobutadiene	0.538	0.614	-14.1	120	0.00
95 T	Naphthalene	3.208	3.666	-14.3	114	0.00
96 T	1,2,3-Trichlorobenzene	1.081	1.246	-15.3	118	0.00

(#) = Out of Range

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