

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011161.D
 Acq On : 29 Jul 2019 22:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 30 06:45:37 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	80	0.00
2 T	Dichlorodifluoromethane	0.467	0.455	2.6	69	0.00
3 P	Chloromethane	0.460	0.420	8.7	73	0.00
4 C	Vinyl Chloride	0.469	0.450	4.1#	74	0.00
5 T	Bromomethane	0.264	0.254	3.8	82	0.00
6 T	Chloroethane	0.298	0.293	1.7	79	0.00
7 T	Trichlorofluoromethane	0.794	0.780	1.8	79	0.00
8 T	Diethyl Ether	0.274	0.285	-4.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.453	0.421	7.1	76	0.00
10 T	Methyl Iodide	0.595	0.435	26.9#	55	0.00
11 T	Tert butyl alcohol	0.124	0.120	3.2	84	0.00
12 CM	1,1-Dichloroethene	0.445	0.422	5.2#	76	0.00
13 T	Acrolein	0.072	0.060	16.7	69	0.00
14 T	Allyl chloride	0.647	0.640	1.1	80	0.00
15 T	Acrylonitrile	0.250	0.259	-3.6	85	0.00
16 T	Acetone	0.240	0.217	9.6	74	0.00
17 T	Carbon Disulfide	1.142	0.920	19.4	64	0.00
18 T	Methyl Acetate	0.547	0.622	-13.7	100	0.00
19 T	Methyl tert-butyl Ether	1.434	1.493	-4.1	87	0.00
20 T	Methylene Chloride	0.509	0.497	2.4	82	0.00
21 T	trans-1,2-Dichloroethene	0.473	0.445	5.9	77	0.00
22 T	Diisopropyl ether	1.364	1.424	-4.4	87	0.00
23 T	Vinyl Acetate	1.156	1.207	-4.4	82	0.00
24 P	1,1-Dichloroethane	0.792	0.797	-0.6	84	0.00
25 T	2-Butanone	0.345	0.361	-4.6	84	0.00
26 T	2,2-Dichloropropane	0.651	0.552	15.2	69	0.00
27 T	cis-1,2-Dichloroethene	0.547	0.543	0.7	83	0.00
28 T	Bromochloromethane	0.373	0.373	0.0	84	0.00
29 T	Tetrahydrofuran	0.218	0.228	-4.6	85	0.00
30 C	Chloroform	0.856	0.878	-2.6#	86	0.00
31 T	Cyclohexane	0.722	0.628	13.0	72	0.00
32 T	1,1,1-Trichloroethane	0.741	0.765	-3.2	84	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.541	-1.7	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.317	0.316	0.3	81	0.00
36 T	1,1-Dichloropropene	0.411	0.398	3.2	79	0.00
37 T	Ethyl Acetate	0.421	0.450	-6.9	85	0.00
38 T	Carbon Tetrachloride	0.428	0.433	-1.2	82	0.00
39 T	Methylcyclohexane	0.533	0.456	14.4	70	0.00
40 TM	Benzene	1.258	1.241	1.4	81	0.00
41 T	Methacrylonitrile	0.239	0.246	-2.9	89	0.00
42 TM	1,2-Dichloroethane	0.437	0.457	-4.6	88	0.00
43 T	Isopropyl Acetate	0.692	0.727	-5.1	86	0.00
44 TM	Trichloroethene	0.372	0.356	4.3	79	0.00
45 C	1,2-Dichloropropane	0.320	0.324	-1.3#	84	0.00

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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)
46 T	Dibromomethane	0.229	0.235	-2.6	84	0.00
47 T	Bromodichloromethane	0.407	0.441	-8.4	87	0.00
48 T	Methyl methacrylate	0.337	0.358	-6.2	88	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	82	0.00
50 S	Toluene-d8	1.190	1.159	2.6	79	0.00
51 T	4-Methyl-2-Pentanone	0.448	0.496	-10.7	89	0.00
52 CM	Toluene	0.826	0.814	1.5#	81	0.00
53 T	t-1,3-Dichloropropene	0.438	0.460	-5.0	82	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.504	-3.5	81	0.00
55 T	1,1,2-Trichloroethane	0.340	0.356	-4.7	86	0.00
56 T	Ethyl methacrylate	0.498	0.545	-9.4	85	0.00
57 T	1,3-Dichloropropane	0.540	0.558	-3.3	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.260	-9.2	87	0.00
59 T	2-Hexanone	0.348	0.381	-9.5	85	0.00
60 T	Dibromochloromethane	0.345	0.390	-13.0	86	0.00
61 T	1,2-Dibromoethane	0.361	0.386	-6.9	86	0.00
62 S	4-Bromofluorobenzene	0.438	0.443	-1.1	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.393	0.366	6.9	79	0.00
65 PM	Chlorobenzene	1.027	1.018	0.9	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.386	-6.9	85	0.00
67 C	Ethyl Benzene	1.748	1.717	1.8#	81	0.00
68 T	m/p-Xylenes	0.671	0.659	1.8	81	0.00
69 T	o-Xylene	0.654	0.658	-0.6	82	0.00
70 T	Styrene	1.091	1.142	-4.7	83	0.00
71 P	Bromoform	0.288	0.320	-11.1	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.378	3.312	2.0	83	0.00
74 T	N-amyl acetate	1.291	1.360	-5.3	84	0.00
75 P	1,1,2,2-Tetrachloroethane	1.106	1.168	-5.6	88	0.00
76 T	1,2,3-Trichloropropane	0.902	0.974	-8.0	88	0.00
77 T	Bromobenzene	0.932	0.919	1.4	84	0.00
78 T	n-propylbenzene	3.733	3.678	1.5	81	0.00
79 T	2-Chlorotoluene	2.242	2.219	1.0	83	0.00
80 T	1,3,5-Trimethylbenzene	2.823	2.800	0.8	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.328	0.323	1.5	79	0.00
82 T	4-Chlorotoluene	2.610	2.574	1.4	82	0.00
83 T	tert-Butylbenzene	2.773	2.764	0.3	82	0.00
84 T	1,2,4-Trimethylbenzene	2.845	2.826	0.7	81	0.00
85 T	sec-Butylbenzene	3.249	3.215	1.0	80	0.00
86 T	p-Isopropyltoluene	3.004	3.005	-0.0	81	0.00
87 T	1,3-Dichlorobenzene	1.617	1.621	-0.2	84	0.00
88 T	1,4-Dichlorobenzene	1.659	1.614	2.7	82	0.00
89 T	n-Butylbenzene	2.570	2.537	1.3	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.474	0.484	-2.1	82	0.00
91 T	1,2-Dichlorobenzene	1.603	1.628	-1.6	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.256	-10.8	89	0.00
93 T	1,2,4-Trichlorobenzene	1.086	1.126	-3.7	84	0.00
94 T	Hexachlorobutadiene	0.538	0.517	3.9	80	0.00
95 T	Naphthalene	3.208	3.606	-12.4	89	0.00
96 T	1,2,3-Trichlorobenzene	1.081	1.125	-4.1	85	0.00

(#) = Out of Range

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