

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011108.D
 Acq On : 26 Jul 2019 22:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 04:10:31 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	88	0.00
2 T	Dichlorodifluoromethane	0.467	0.462	1.1	77	0.00
3 P	Chloromethane	0.460	0.410	10.9	79	0.00
4 C	Vinyl Chloride	0.469	0.437	6.8#	80	0.00
5 T	Bromomethane	0.264	0.241	8.7	86	0.00
6 T	Chloroethane	0.298	0.286	4.0	85	0.00
7 T	Trichlorofluoromethane	0.794	0.765	3.7	85	0.00
8 T	Diethyl Ether	0.274	0.261	4.7	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.453	0.417	7.9	83	0.00
10 T	Methyl Iodide	0.595	0.534	10.3	75	0.00
11 T	Tert butyl alcohol	0.124	0.115	7.3	88	0.00
12 CM	1,1-Dichloroethene	0.445	0.411	7.6#	81	0.00
13 T	Acrolein	0.072	0.060	16.7	76	0.00
14 T	Allyl chloride	0.647	0.609	5.9	84	0.00
15 T	Acrylonitrile	0.250	0.248	0.8	90	0.00
16 T	Acetone	0.240	0.209	12.9	78	0.00
17 T	Carbon Disulfide	1.142	0.924	19.1	71	0.00
18 T	Methyl Acetate	0.547	0.592	-8.2	105	0.00
19 T	Methyl tert-butyl Ether	1.434	1.412	1.5	90	0.00
20 T	Methylene Chloride	0.509	0.476	6.5	87	0.00
21 T	trans-1,2-Dichloroethene	0.473	0.439	7.2	83	0.00
22 T	Diisopropyl ether	1.364	1.355	0.7	91	0.00
23 T	Vinyl Acetate	1.156	1.142	1.2	86	0.00
24 P	1,1-Dichloroethane	0.792	0.768	3.0	89	0.00
25 T	2-Butanone	0.345	0.338	2.0	87	0.00
26 T	2,2-Dichloropropane	0.651	0.516	20.7#	71	0.00
27 T	cis-1,2-Dichloroethene	0.547	0.523	4.4	88	0.00
28 T	Bromochloromethane	0.373	0.360	3.5	90	0.00
29 T	Tetrahydrofuran	0.218	0.219	-0.5	90	0.00
30 C	Chloroform	0.856	0.838	2.1#	91	0.00
31 T	Cyclohexane	0.722	0.653	9.6	83	0.00
32 T	1,1,1-Trichloroethane	0.741	0.729	1.6	88	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.537	-0.9	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.317	0.319	-0.6	91	0.00
36 T	1,1-Dichloropropene	0.411	0.381	7.3	85	0.00
37 T	Ethyl Acetate	0.421	0.422	-0.2	88	0.00
38 T	Carbon Tetrachloride	0.428	0.423	1.2	89	0.00
39 T	Methylcyclohexane	0.533	0.458	14.1	79	0.00
40 TM	Benzene	1.258	1.189	5.5	86	0.00
41 T	Methacrylonitrile	0.239	0.232	2.9	94	0.00
42 TM	1,2-Dichloroethane	0.437	0.432	1.1	93	0.00
43 T	Isopropyl Acetate	0.692	0.690	0.3	91	0.00
44 TM	Trichloroethene	0.372	0.342	8.1	85	0.00
45 C	1,2-Dichloropropane	0.320	0.305	4.7#	88	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	0.226	1.3	90	0.00
47 T	Bromodichloromethane	0.407	0.412	-1.2	90	0.00
48 T	Methyl methacrylate	0.337	0.341	-1.2	93	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	88	0.00
50 S	Toluene-d8	1.190	1.166	2.0	88	0.00
51 T	4-Methyl-2-Pentanone	0.448	0.462	-3.1	92	0.00
52 CM	Toluene	0.826	0.785	5.0#	87	0.00
53 T	t-1,3-Dichloropropene	0.438	0.439	-0.2	87	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.476	2.3	84	0.00
55 T	1,1,2-Trichloroethane	0.340	0.334	1.8	90	0.00
56 T	Ethyl methacrylate	0.498	0.512	-2.8	89	0.00
57 T	1,3-Dichloropropane	0.540	0.531	1.7	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.248	-4.2	92	0.00
59 T	2-Hexanone	0.348	0.354	-1.7	88	0.00
60 T	Dibromochloromethane	0.345	0.367	-6.4	90	0.00
61 T	1,2-Dibromoethane	0.361	0.362	-0.3	90	0.00
62 S	4-Bromofluorobenzene	0.438	0.448	-2.3	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.393	0.352	10.4	86	0.00
65 PM	Chlorobenzene	1.027	0.965	6.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.355	1.7	89	0.00
67 C	Ethyl Benzene	1.748	1.651	5.5#	88	0.00
68 T	m/p-Xylenes	0.671	0.628	6.4	87	0.00
69 T	o-Xylene	0.654	0.621	5.0	88	0.00
70 T	Styrene	1.091	1.078	1.2	89	0.00
71 P	Bromoform	0.288	0.301	-4.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.378	3.211	4.9	90	0.00
74 T	N-amyl acetate	1.291	1.266	1.9	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.106	1.074	2.9	90	0.00
76 T	1,2,3-Trichloropropane	0.902	0.912	-1.1	93	0.00
77 T	Bromobenzene	0.932	0.868	6.9	89	0.00
78 T	n-propylbenzene	3.733	3.565	4.5	88	0.00
79 T	2-Chlorotoluene	2.242	2.118	5.5	89	0.00
80 T	1,3,5-Trimethylbenzene	2.823	2.723	3.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.328	0.301	8.2	83	0.00
82 T	4-Chlorotoluene	2.610	2.488	4.7	89	0.00
83 T	tert-Butylbenzene	2.773	2.690	3.0	90	0.00
84 T	1,2,4-Trimethylbenzene	2.845	2.737	3.8	89	0.00
85 T	sec-Butylbenzene	3.249	3.144	3.2	88	0.00
86 T	p-Isopropyltoluene	3.004	2.932	2.4	89	0.00
87 T	1,3-Dichlorobenzene	1.617	1.537	4.9	89	0.00
88 T	1,4-Dichlorobenzene	1.659	1.523	8.2	87	0.00
89 T	n-Butylbenzene	2.570	2.474	3.7	86	0.00

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90 T	Hexachloroethane	0.474	0.476	-0.4	90	0.00
91 T	1,2-Dichlorobenzene	1.603	1.537	4.1	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.234	-1.3	91	0.00
93 T	1,2,4-Trichlorobenzene	1.086	1.035	4.7	87	0.00
94 T	Hexachlorobutadiene	0.538	0.491	8.7	85	0.00
95 T	Naphthalene	3.208	3.350	-4.4	93	0.00
96 T	1,2,3-Trichlorobenzene	1.081	1.072	0.8	91	0.00

(#) = Out of Range

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