

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX071918\
 Data File : VX003470.D
 Acq On : 19 Jul 2018 17:26
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071918

Quant Time: Jul 20 04:10:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 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	104	0.00
2 T	Dichlorodifluoromethane	0.458	0.404	11.8	109	0.00
3 P	Chloromethane	0.566	0.510	9.9	109	0.00
4 C	Vinyl Chloride	0.635	0.577	9.1#	94	0.00
5 T	Bromomethane	0.358	0.273	23.7#	116	0.00
6 T	Chloroethane	0.376	0.368	2.1	107	0.00
7 T	Trichlorofluoromethane	0.847	0.813	4.0	108	0.00
8 T	Diethyl Ether	0.364	0.344	5.5	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.527	5.0	108	0.00
10 T	Methyl Iodide	0.666	0.542	18.6	87	0.00
11 T	Tert butyl alcohol	0.117	0.112	4.3	100	0.00
12 CM	1,1-Dichloroethene	0.511	0.485	5.1#	106	0.00
13 T	Acrolein	0.053	0.047	11.3	94	0.00
14 T	Allyl chloride	0.904	0.882	2.4	107	0.00
15 T	Acrylonitrile	0.298	0.282	5.4	105	0.00
16 T	Acetone	0.224	0.207	7.6	104	0.00
17 T	Carbon Disulfide	1.516	1.366	9.9	106	0.00
18 T	Methyl Acetate	0.705	0.679	3.7	106	0.00
19 T	Methyl tert-butyl Ether	1.668	1.633	2.1	107	0.00
20 T	Methylene Chloride	0.629	0.552	12.2	105	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.535	5.8	107	0.00
22 T	Diisopropyl ether	1.701	1.678	1.4	109	0.00
23 T	Vinyl Acetate	1.401	1.407	-0.4	110	0.00
24 P	1,1-Dichloroethane	0.998	0.963	3.5	106	0.00
25 T	2-Butanone	0.375	0.376	-0.3	110	0.00
26 T	2,2-Dichloropropane	0.758	0.767	-1.2	110	0.00
27 T	cis-1,2-Dichloroethene	0.633	0.634	-0.2	111	0.00
28 T	Bromochloromethane	0.436	0.420	3.7	105	0.00
29 T	Tetrahydrofuran	0.248	0.241	2.8	107	0.00
30 C	Chloroform	0.975	0.954	2.2#	108	0.00
31 T	Cyclohexane	0.892	0.882	1.1	108	0.01
32 T	1,1,1-Trichloroethane	0.835	0.822	1.6	108	0.00
33 S	1,2-Dichloroethane-d4	0.592	0.554	6.4	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.381	0.382	-0.3	104	0.00
36 T	1,1-Dichloropropene	0.540	0.552	-2.2	106	0.00
37 T	Ethyl Acetate	0.511	0.536	-4.9	109	0.00
38 T	Carbon Tetrachloride	0.530	0.555	-4.7	106	0.00
39 T	Methylcyclohexane	0.639	0.678	-6.1	111	0.00
40 TM	Benzene	1.630	1.641	-0.7	106	0.00
41 T	Methacrylonitrile	0.300	0.301	-0.3	108	0.00
42 TM	1,2-Dichloroethane	0.514	0.519	-1.0	107	0.00
43 T	Isopropyl Acetate	0.813	0.826	-1.6	105	0.00
44 TM	Trichloroethene	0.486	0.490	-0.8	107	0.00
45 C	1,2-Dichloropropane	0.414	0.422	-1.9#	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.266	0.273	-2.6	107	0.00
47 T	Bromodichloromethane	0.488	0.517	-5.9	107	0.00
48 T	Methyl methacrylate	0.410	0.425	-3.7	106	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	100	0.00
50 S	Toluene-d8	1.431	1.466	-2.4	104	0.00
51 T	4-Methyl-2-Pentanone	0.513	0.537	-4.7	106	0.00
52 CM	Toluene	1.026	1.057	-3.0#	106	0.00
53 T	t-1,3-Dichloropropene	0.600	0.654	-9.0	108	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.592	-9.6	108	0.00
55 T	1,1,2-Trichloroethane	0.408	0.419	-2.7	106	0.00
56 T	Ethyl methacrylate	0.575	0.626	-8.9	106	0.00
57 T	1,3-Dichloropropane	0.660	0.685	-3.8	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.280	0.292	-4.3	105	0.00
59 T	2-Hexanone	0.380	0.401	-5.5	104	0.00
60 T	Dibromochloromethane	0.404	0.438	-8.4	107	0.00
61 T	1,2-Dibromoethane	0.423	0.437	-3.3	105	0.00
62 S	4-Bromofluorobenzene	0.522	0.536	-2.7	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.609	0.606	0.5	106	0.00
65 PM	Chlorobenzene	1.288	1.279	0.7	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.443	0.453	-2.3	106	0.00
67 C	Ethyl Benzene	2.071	2.133	-3.0#	108	0.00
68 T	m/p-Xylenes	0.812	0.847	-4.3	108	0.00
69 T	o-Xylene	0.785	0.809	-3.1	106	0.00
70 T	Styrene	1.292	1.367	-5.8	107	0.00
71 P	Bromoform	0.344	0.366	-6.4	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.458	3.495	-1.1	107	0.00
74 T	N-amyl acetate	1.468	1.398	4.8	105	0.00
75 P	1,1,2,2-Tetrachloroethane	1.013	0.989	2.4	107	0.00
76 T	1,2,3-Trichloropropane	0.898	1.035	-15.3	125	0.00
77 T	Bromobenzene	0.995	0.964	3.1	106	0.00
78 T	n-propylbenzene	3.844	3.952	-2.8	108	0.00
79 T	2-Chlorotoluene	2.333	2.325	0.3	109	0.00
80 T	1,3,5-Trimethylbenzene	2.842	2.950	-3.8	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.281	0.310	-10.3	110	0.00
82 T	4-Chlorotoluene	2.734	2.740	-0.2	109	0.00
83 T	tert-Butylbenzene	2.783	2.818	-1.3	108	0.00
84 T	1,2,4-Trimethylbenzene	2.892	3.000	-3.7	108	0.00
85 T	sec-Butylbenzene	3.380	3.468	-2.6	109	0.00
86 T	p-Isopropyltoluene	3.034	3.169	-4.4	109	0.00
87 T	1,3-Dichlorobenzene	1.828	1.774	3.0	109	0.00
88 T	1,4-Dichlorobenzene	1.883	1.780	5.5	108	0.00
89 T	n-Butylbenzene	2.576	2.706	-5.0	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.431	0.449	-4.2	114	0.00
91 T	1,2-Dichlorobenzene	1.802	1.744	3.2	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.197	0.199	-1.0	106	0.00
93 T	1,2,4-Trichlorobenzene	1.321	1.311	0.8	109	0.00
94 T	Hexachlorobutadiene	0.635	0.638	-0.5	110	0.00
95 T	Naphthalene	3.470	3.591	-3.5	106	0.00
96 T	1,2,3-Trichlorobenzene	1.307	1.297	0.8	108	0.00

(#) = Out of Range

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