

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102418\
 Data File : VX005538.D
 Acq On : 24 Oct 2018 13:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Quant Time: Oct 25 05:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 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	109	0.00
2 T	Dichlorodifluoromethane	0.494	0.403	18.4	79	0.00
3 P	Chloromethane	0.629	0.546	13.2	96	0.00
4 C	Vinyl Chloride	0.618	0.552	10.7#	95	0.00
5 T	Bromomethane	0.385	0.386	-0.3	115	0.00
6 T	Chloroethane	0.395	0.345	12.7	98	0.00
7 T	Trichlorofluoromethane	0.859	0.800	6.9	101	0.00
8 T	Diethyl Ether	0.343	0.339	1.2	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.452	8.3	100	0.00
10 T	Methyl Iodide	0.466	0.443	4.9	92	0.00
11 T	Tert butyl alcohol	0.164	0.168	-2.4	115	0.00
12 CM	1,1-Dichloroethene	0.469	0.452	3.6#	106	0.00
13 T	Acrolein	0.084	0.086	-2.4	110	0.00
14 T	Allyl chloride	1.047	1.010	3.5	105	0.00
15 T	Acrylonitrile	0.368	0.357	3.0	107	0.00
16 T	Acetone	0.323	0.317	1.9	110	0.00
17 T	Carbon Disulfide	1.431	1.386	3.1	107	0.00
18 T	Methyl Acetate	0.903	0.875	3.1	114	0.00
19 T	Methyl tert-butyl Ether	1.674	1.624	3.0	107	0.00
20 T	Methylene Chloride	0.540	0.507	6.1	107	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.471	8.0	104	0.00
22 T	Diisopropyl ether	1.829	1.771	3.2	108	0.00
23 T	Vinyl Acetate	1.611	1.557	3.4	102	0.00
24 P	1,1-Dichloroethane	0.995	0.927	6.8	106	0.00
25 T	2-Butanone	0.491	0.492	-0.2	114	0.00
26 T	2,2-Dichloropropane	0.768	0.775	-0.9	114	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.526	4.7	108	0.00
28 T	Bromochloromethane	0.481	0.467	2.9	105	0.00
29 T	Tetrahydrofuran	0.320	0.322	-0.6	112	0.01
30 C	Chloroform	0.930	0.892	4.1#	108	0.00
31 T	Cyclohexane	0.823	0.824	-0.1	104	0.00
32 T	1,1,1-Trichloroethane	0.821	0.802	2.3	106	0.00
33 S	1,2-Dichloroethane-d4	0.610	0.585	4.1	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.339	0.323	4.7	102	0.00
36 T	1,1-Dichloropropene	0.485	0.467	3.7	106	0.00
37 T	Ethyl Acetate	0.619	0.621	-0.3	112	0.00
38 T	Carbon Tetrachloride	0.511	0.475	7.0	102	0.00
39 T	Methylcyclohexane	0.536	0.550	-2.6	105	0.00
40 TM	Benzene	1.391	1.372	1.4	107	0.00
41 T	Methacrylonitrile	0.345	0.351	-1.7	111	0.00
42 TM	1,2-Dichloroethane	0.528	0.507	4.0	105	0.00
43 T	Isopropyl Acetate	0.928	0.931	-0.3	107	0.00
44 TM	Trichloroethene	0.379	0.366	3.4	106	0.00
45 C	1,2-Dichloropropane	0.374	0.357	4.5#	105	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	0.242	0.236	2.5	106	0.00
47 T	Bromodichloromethane	0.469	0.453	3.4	104	0.00
48 T	Methyl methacrylate	0.452	0.469	-3.8	108	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	111	0.00
50 S	Toluene-d8	1.217	1.206	0.9	102	0.00
51 T	4-Methyl-2-Pentanone	0.624	0.636	-1.9	108	0.00
52 CM	Toluene	0.845	0.843	0.2#	105	0.00
53 T	t-1,3-Dichloropropene	0.507	0.528	-4.1	107	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.566	-3.9	107	0.00
55 T	1,1,2-Trichloroethane	0.356	0.343	3.7	105	0.00
56 T	Ethyl methacrylate	0.532	0.567	-6.6	109	0.00
57 T	1,3-Dichloropropane	0.603	0.581	3.6	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.312	-5.1	107	0.00
59 T	2-Hexanone	0.492	0.516	-4.9	109	0.00
60 T	Dibromochloromethane	0.372	0.374	-0.5	105	0.00
61 T	1,2-Dibromoethane	0.369	0.366	0.8	106	0.00
62 S	4-Bromofluorobenzene	0.459	0.457	0.4	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.415	0.398	4.1	102	0.00
65 PM	Chlorobenzene	1.065	1.043	2.1	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.385	0.8	106	0.00
67 C	Ethyl Benzene	1.752	1.815	-3.6#	106	0.00
68 T	m/p-Xylenes	0.680	0.698	-2.6	105	0.00
69 T	o-Xylene	0.639	0.681	-6.6	107	0.00
70 T	Styrene	1.070	1.133	-5.9	105	0.00
71 P	Bromoform	0.346	0.347	-0.3	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.056	3.246	-6.2	106	0.00
74 T	N-amyl acetate	1.514	1.648	-8.9	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.128	1.114	1.2	107	0.00
76 T	1,2,3-Trichloropropane	1.059	1.056	0.3	106	0.00
77 T	Bromobenzene	0.852	0.860	-0.9	107	0.00
78 T	n-propylbenzene	3.495	3.756	-7.5	107	0.00
79 T	2-Chlorotoluene	2.167	2.216	-2.3	105	0.00
80 T	1,3,5-Trimethylbenzene	2.615	2.790	-6.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.348	-7.4	109	0.00
82 T	4-Chlorotoluene	2.555	2.657	-4.0	106	0.00
83 T	tert-Butylbenzene	2.606	2.770	-6.3	107	0.00
84 T	1,2,4-Trimethylbenzene	2.650	2.882	-8.8	107	0.00
85 T	sec-Butylbenzene	3.110	3.321	-6.8	106	0.00
86 T	p-Isopropyltoluene	2.780	3.017	-8.5	106	0.00
87 T	1,3-Dichlorobenzene	1.602	1.606	-0.2	106	0.00
88 T	1,4-Dichlorobenzene	1.672	1.635	2.2	107	0.00
89 T	n-Butylbenzene	2.510	2.728	-8.7	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.479	0.496	-3.5	107	0.00
91 T	1,2-Dichlorobenzene	1.621	1.613	0.5	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.273	0.279	-2.2	108	0.00
93 T	1,2,4-Trichlorobenzene	1.175	1.240	-5.5	108	0.00
94 T	Hexachlorobutadiene	0.609	0.607	0.3	109	0.00
95 T	Naphthalene	3.415	3.804	-11.4	107	0.00
96 T	1,2,3-Trichlorobenzene	1.191	1.243	-4.4	106	0.00

(#) = Out of Range

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