

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102918\
 Data File : VX005676.D
 Acq On : 29 Oct 2018 22:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:58:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 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	0.608	-23.1#	120	0.00
3 P	Chloromethane	0.629	0.673	-7.0	118	0.00
4 C	Vinyl Chloride	0.618	0.728	-17.8#	125	0.00
5 T	Bromomethane	0.385	0.372	3.4	111	0.00
6 T	Chloroethane	0.395	0.420	-6.3	119	0.00
7 T	Trichlorofluoromethane	0.859	0.903	-5.1	114	0.00
8 T	Diethyl Ether	0.343	0.373	-8.7	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.523	-6.1	116	0.00
10 T	Methyl Iodide	0.466	0.591	-26.8#	123	0.00
11 T	Tert butyl alcohol	0.164	0.181	-10.4	123	0.00
12 CM	1,1-Dichloroethene	0.469	0.509	-8.5#	119	0.00
13 T	Acrolein	0.084	0.075	10.7	96	0.00
14 T	Allyl chloride	1.047	1.071	-2.3	112	0.00
15 T	Acrylonitrile	0.368	0.388	-5.4	117	0.00
16 T	Acetone	0.323	0.340	-5.3	118	0.00
17 T	Carbon Disulfide	1.431	1.435	-0.3	111	0.00
18 T	Methyl Acetate	0.903	0.925	-2.4	121	0.00
19 T	Methyl tert-butyl Ether	1.674	1.797	-7.3	119	0.00
20 T	Methylene Chloride	0.540	0.568	-5.2	120	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.533	-4.1	117	0.00
22 T	Diisopropyl ether	1.829	1.941	-6.1	118	0.00
23 T	Vinyl Acetate	1.611	1.760	-9.2	115	0.00
24 P	1,1-Dichloroethane	0.995	1.041	-4.6	119	0.01
25 T	2-Butanone	0.491	0.551	-12.2	127	0.00
26 T	2,2-Dichloropropane	0.768	0.697	9.2	103	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.592	-7.2	121	0.00
28 T	Bromochloromethane	0.481	0.458	4.8	103	0.00
29 T	Tetrahydrofuran	0.320	0.336	-5.0	117	0.00
30 C	Chloroform	0.930	0.956	-2.8#	116	0.00
31 T	Cyclohexane	0.823	0.873	-6.1	111	0.00
32 T	1,1,1-Trichloroethane	0.821	0.845	-2.9	111	0.00
33 S	1,2-Dichloroethane-d4	0.610	0.605	0.8	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
35 S	Dibromofluoromethane	0.339	0.327	3.5	111	0.00
36 T	1,1-Dichloropropene	0.485	0.482	0.6	117	0.00
37 T	Ethyl Acetate	0.619	0.630	-1.8	122	0.00
38 T	Carbon Tetrachloride	0.511	0.482	5.7	112	0.00
39 T	Methylcyclohexane	0.536	0.539	-0.6	111	0.00
40 TM	Benzene	1.391	1.381	0.7	116	0.00
41 T	Methacrylonitrile	0.345	0.337	2.3	115	0.00
42 TM	1,2-Dichloroethane	0.528	0.485	8.1	108	0.00
43 T	Isopropyl Acetate	0.928	0.918	1.1	113	0.00
44 TM	Trichloroethene	0.379	0.385	-1.6	120	0.00
45 C	1,2-Dichloropropane	0.374	0.369	1.3#	116	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	0.234	3.3	113	0.00
47 T	Bromodichloromethane	0.469	0.449	4.3	111	0.00
48 T	Methyl methacrylate	0.452	0.462	-2.2	114	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	120	0.00
50 S	Toluene-d8	1.217	1.209	0.7	110	0.00
51 T	4-Methyl-2-Pentanone	0.624	0.619	0.8	113	0.00
52 CM	Toluene	0.845	0.846	-0.1#	114	0.00
53 T	t-1,3-Dichloropropene	0.507	0.506	0.2	110	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.549	-0.7	111	0.00
55 T	1,1,2-Trichloroethane	0.356	0.346	2.8	114	0.00
56 T	Ethyl methacrylate	0.532	0.564	-6.0	117	0.00
57 T	1,3-Dichloropropane	0.603	0.588	2.5	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.281	5.4	104	0.00
59 T	2-Hexanone	0.492	0.490	0.4	111	0.00
60 T	Dibromochloromethane	0.372	0.372	0.0	113	0.00
61 T	1,2-Dibromoethane	0.369	0.365	1.1	114	0.00
62 S	4-Bromofluorobenzene	0.459	0.456	0.7	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.415	0.428	-3.1	113	0.00
65 PM	Chlorobenzene	1.065	1.089	-2.3	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.399	-2.8	113	0.00
67 C	Ethyl Benzene	1.752	1.878	-7.2#	112	0.00
68 T	m/p-Xylenes	0.680	0.728	-7.1	113	0.00
69 T	o-Xylene	0.639	0.700	-9.5	113	0.00
70 T	Styrene	1.070	1.182	-10.5	113	0.00
71 P	Bromoform	0.346	0.356	-2.9	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.056	3.449	-12.9	112	0.00
74 T	N-amyl acetate	1.514	1.692	-11.8	112	0.00
75 P	1,1,2,2-Tetrachloroethane	1.128	1.177	-4.3	113	0.00
76 T	1,2,3-Trichloropropane	1.059	1.118	-5.6	113	0.00
77 T	Bromobenzene	0.852	0.916	-7.5	114	0.00
78 T	n-propylbenzene	3.495	3.947	-12.9	112	0.00
79 T	2-Chlorotoluene	2.167	2.359	-8.9	112	0.00
80 T	1,3,5-Trimethylbenzene	2.615	2.922	-11.7	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.343	-5.9	107	0.00
82 T	4-Chlorotoluene	2.555	2.765	-8.2	111	0.00
83 T	tert-Butylbenzene	2.606	2.917	-11.9	113	0.00
84 T	1,2,4-Trimethylbenzene	2.650	3.018	-13.9	112	0.00
85 T	sec-Butylbenzene	3.110	3.498	-12.5	112	0.00
86 T	p-Isopropyltoluene	2.780	3.151	-13.3	111	0.00
87 T	1,3-Dichlorobenzene	1.602	1.690	-5.5	112	0.00
88 T	1,4-Dichlorobenzene	1.672	1.703	-1.9	111	0.00
89 T	n-Butylbenzene	2.510	2.741	-9.2	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.479	0.524	-9.4	113	0.00
91 T	1,2-Dichlorobenzene	1.621	1.711	-5.6	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.273	0.291	-6.6	113	0.00
93 T	1,2,4-Trichlorobenzene	1.175	1.282	-9.1	112	0.00
94 T	Hexachlorobutadiene	0.609	0.608	0.2	110	0.00
95 T	Naphthalene	3.415	3.988	-16.8	113	0.00
96 T	1,2,3-Trichlorobenzene	1.191	1.303	-9.4	111	0.00

(#) = Out of Range

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