

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX091018\
 Data File : VX004440.D
 Acq On : 10 Sep 2018 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 01:29:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 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	114	0.00
2 T	Dichlorodifluoromethane	0.579	0.445	23.1#	81	0.00
3 P	Chloromethane	0.675	0.508	24.7#	90	0.00
4 C	Vinyl Chloride	0.655	0.562	14.2#	95	0.00
5 T	Bromomethane	0.397	0.232	41.6#	79	0.00
6 T	Chloroethane	0.476	0.382	19.7	100	0.00
7 T	Trichlorofluoromethane	0.898	0.789	12.1	99	0.00
8 T	Diethyl Ether	0.384	0.357	7.0	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.562	0.524	6.8	110	0.00
10 T	Methyl Iodide	0.578	0.520	10.0	95	0.00
11 T	Tert butyl alcohol	0.139	0.108	22.3#	89	-0.02
12 CM	1,1-Dichloroethene	0.530	0.462	12.8#	103	0.00
13 T	Acrolein	0.033	0.025	24.2#	86	0.00
14 T	Allyl chloride	0.973	0.930	4.4	109	0.00
15 T	Acrylonitrile	0.344	0.300	12.8	103	0.00
16 T	Acetone	0.310	0.253	18.4	105	0.00
17 T	Carbon Disulfide	1.557	1.180	24.2#	93	0.00
18 T	Methyl Acetate	0.967	1.117	-15.5	131	0.00
19 T	Methyl tert-butyl Ether	1.746	1.652	5.4	110	0.00
20 T	Methylene Chloride	0.627	0.552	12.0	108	0.00
21 T	trans-1,2-Dichloroethene	0.586	0.505	13.8	104	0.00
22 T	Diisopropyl ether	1.817	1.795	1.2	116	0.00
23 T	Vinyl Acetate	1.473	1.332	9.6	103	0.00
24 P	1,1-Dichloroethane	1.059	1.003	5.3	108	0.00
25 T	2-Butanone	0.484	0.381	21.3#	99	-0.01
26 T	2,2-Dichloropropane	0.831	0.788	5.2	110	0.00
27 T	cis-1,2-Dichloroethene	0.665	0.594	10.7	105	0.00
28 T	Bromochloromethane	0.469	0.488	-4.1	114	0.00
29 T	Tetrahydrofuran	0.280	0.239	14.6	97	-0.01
30 C	Chloroform	1.062	0.970	8.7#	106	0.00
31 T	Cyclohexane	0.914	0.819	10.4	101	0.00
32 T	1,1,1-Trichloroethane	0.885	0.807	8.8	104	0.00
33 S	1,2-Dichloroethane-d4	0.652	0.562	13.8	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.372	0.360	3.2	110	0.00
36 T	1,1-Dichloropropene	0.562	0.520	7.5	102	0.00
37 T	Ethyl Acetate	0.553	0.488	11.8	96	-0.01
38 T	Carbon Tetrachloride	0.529	0.506	4.3	103	0.00
39 T	Methylcyclohexane	0.642	0.627	2.3	106	0.00
40 TM	Benzene	1.680	1.591	5.3	103	0.00
41 T	Methacrylonitrile	0.320	0.302	5.6	102	0.00
42 TM	1,2-Dichloroethane	0.573	0.524	8.6	101	0.00
43 T	Isopropyl Acetate	0.849	0.802	5.5	101	0.00
44 TM	Trichloroethene	0.465	0.444	4.5	108	0.00
45 C	1,2-Dichloropropane	0.420	0.421	-0.2#	109	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.280	0.261	6.8	103	0.00
47 T	Bromodichloromethane	0.521	0.521	0.0	106	0.00
48 T	Methyl methacrylate	0.455	0.440	3.3	102	0.00
49 T	1,4-Dioxane	0.010	0.009	10.0	90	0.00
50 S	Toluene-d8	1.404	1.336	4.8	105	0.00
51 T	4-Methyl-2-Pentanone	0.617	0.546	11.5	100	0.00
52 CM	Toluene	1.051	1.022	2.8#	104	0.00
53 T	t-1,3-Dichloropropene	0.575	0.594	-3.3	107	0.00
54 T	cis-1,3-Dichloropropene	0.627	0.652	-4.0	108	0.00
55 T	1,1,2-Trichloroethane	0.424	0.418	1.4	107	0.00
56 T	Ethyl methacrylate	0.578	0.599	-3.6	107	0.00
57 T	1,3-Dichloropropane	0.715	0.697	2.5	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.296	0.258	12.8	87	0.00
59 T	2-Hexanone	0.471	0.429	8.9	102	0.00
60 T	Dibromochloromethane	0.414	0.430	-3.9	108	0.00
61 T	1,2-Dibromoethane	0.439	0.418	4.8	103	0.00
62 S	4-Bromofluorobenzene	0.524	0.478	8.8	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.494	0.519	-5.1	127	0.00
65 PM	Chlorobenzene	1.255	1.194	4.9	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.433	0.416	3.9	113	0.00
67 C	Ethyl Benzene	2.038	1.965	3.6#	111	0.00
68 T	m/p-Xylenes	0.797	0.774	2.9	110	0.00
69 T	o-Xylene	0.754	0.742	1.6	110	0.00
70 T	Styrene	1.221	1.246	-2.0	112	0.00
71 P	Bromoform	0.349	0.333	4.6	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.284	3.144	4.3	103	0.00
74 T	N-amyl acetate	1.264	1.155	8.6	99	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	0.902	21.5#	91	0.00
76 T	1,2,3-Trichloropropane	1.017	0.860	15.4	96	0.00
77 T	Bromobenzene	0.921	0.801	13.0	99	0.00
78 T	n-propylbenzene	3.777	3.542	6.2	100	0.00
79 T	2-Chlorotoluene	2.325	2.121	8.8	102	0.00
80 T	1,3,5-Trimethylbenzene	2.720	2.704	0.6	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.313	0.286	8.6	99	0.00
82 T	4-Chlorotoluene	2.736	2.593	5.2	106	0.00
83 T	tert-Butylbenzene	2.736	2.676	2.2	104	0.00
84 T	1,2,4-Trimethylbenzene	2.792	2.801	-0.3	105	0.00
85 T	sec-Butylbenzene	3.249	3.446	-6.1	115	0.00
86 T	p-Isopropyltoluene	2.911	3.140	-7.9	113	0.00
87 T	1,3-Dichlorobenzene	1.734	1.639	5.5	109	0.00
88 T	1,4-Dichlorobenzene	1.829	1.659	9.3	108	0.00
89 T	n-Butylbenzene	2.367	2.793	-18.0	130	0.00

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90 T	Hexachloroethane	0.407	0.453	-11.3	124	0.00
91 T	1,2-Dichlorobenzene	1.585	1.652	-4.2	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.182	9.9	100	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.195	-3.6	120	0.00
94 T	Hexachlorobutadiene	0.566	0.600	-6.0	125	0.00
95 T	Naphthalene	3.262	3.314	-1.6	103	0.00
96 T	1,2,3-Trichlorobenzene	1.221	1.207	1.1	111	0.00

(#) = Out of Range

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