

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062218\
 Data File : VX002835.D
 Acq On : 22 Jun 2018 16:31
 Operator : JC/MD
 Sample : VSTDCCC0050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 23 00:33:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 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	107	0.00
2 T	Dichlorodifluoromethane	0.531	0.508	4.3	108	0.00
3 P	Chloromethane	0.631	0.536	15.1	97	0.00
4 C	Vinyl Chloride	0.655	0.579	11.6#	97	0.00
5 T	Bromomethane	0.395	0.603	-52.7#	185#	0.00
6 T	Chloroethane	0.432	0.374	13.4	97	0.00
7 T	Trichlorofluoromethane	1.065	1.040	2.3	103	0.00
8 T	Diethyl Ether	0.405	0.368	9.1	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.593	0.3	107	0.00
10 T	Methyl Iodide	0.733	0.795	-8.5	113	0.00
11 T	Tert butyl alcohol	0.157	0.137	12.7	99	-0.01
12 CM	1,1-Dichloroethene	0.559	0.511	8.6#	100	0.00
13 T	Acrolein	0.080	0.053	33.8#	82	0.00
14 T	Allyl chloride	1.109	1.034	6.8	102	0.00
15 T	Acrylonitrile	0.343	0.308	10.2	101	0.00
16 T	Acetone	0.335	0.290	13.4	100	0.00
17 T	Carbon Disulfide	1.325	1.352	-2.0	108	0.00
18 T	Methyl Acetate	0.893	0.887	0.7	110	0.00
19 T	Methyl tert-butyl Ether	2.096	1.906	9.1	101	0.00
20 T	Methylene Chloride	0.687	0.584	15.0	102	0.00
21 T	trans-1,2-Dichloroethene	0.606	0.561	7.4	103	0.00
22 T	Diisopropyl ether	2.007	2.026	-0.9	114	0.00
23 T	Vinyl Acetate	1.680	1.710	-1.8	113	0.00
24 P	1,1-Dichloroethane	1.089	1.082	0.6	119	0.00
25 T	2-Butanone	0.440	0.444	-0.9	112	0.00
26 T	2,2-Dichloropropane	0.783	0.873	-11.5	120	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.626	-1.5	114	0.00
28 T	Bromochloromethane	0.510	0.467	8.4	98	0.00
29 T	Tetrahydrofuran	0.289	0.287	0.7	110	0.00
30 C	Chloroform	1.050	1.104	-5.1#	115	0.00
31 T	Cyclohexane	0.897	0.940	-4.8	112	0.00
32 T	1,1,1-Trichloroethane	0.879	0.978	-11.3	117	0.00
33 S	1,2-Dichloroethane-d4	0.760	0.644	15.3	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.399	0.391	2.0	99	0.00
36 T	1,1-Dichloropropene	0.531	0.612	-15.3	114	0.00
37 T	Ethyl Acetate	0.601	0.656	-9.2	110	0.00
38 T	Carbon Tetrachloride	0.529	0.670	-26.7#	119	0.00
39 T	Methylcyclohexane	0.621	0.750	-20.8#	114	0.00
40 TM	Benzene	1.592	1.790	-12.4	113	0.00
41 T	Methacrylonitrile	0.339	0.378	-11.5	113	0.00
42 TM	1,2-Dichloroethane	0.616	0.701	-13.8	114	0.00
43 T	Isopropyl Acetate	0.996	1.103	-10.7	110	0.00
44 TM	Trichloroethene	0.460	0.530	-15.2	114	0.00
45 C	1,2-Dichloropropane	0.419	0.473	-12.9#	113	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	0.325	-16.1	115	0.00
47 T	Bromodichloromethane	0.494	0.626	-26.7#	120	0.00
48 T	Methyl methacrylate	0.509	0.589	-15.7	116	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	107	0.00
50 S	Toluene-d8	1.515	1.415	6.6	92	0.00
51 T	4-Methyl-2-Pentanone	0.639	0.709	-11.0	109	0.00
52 CM	Toluene	1.016	1.179	-16.0#	114	0.00
53 T	t-1,3-Dichloropropene	0.582	0.732	-25.8#	115	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.685	-27.1#	116	0.00
55 T	1,1,2-Trichloroethane	0.410	0.475	-15.9	114	0.00
56 T	Ethyl methacrylate	0.632	0.715	-13.1	109	0.00
57 T	1,3-Dichloropropane	0.694	0.786	-13.3	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.305	0.310	-1.6	100	0.00
59 T	2-Hexanone	0.482	0.551	-14.3	111	0.00
60 T	Dibromochloromethane	0.396	0.520	-31.3#	122	0.00
61 T	1,2-Dibromoethane	0.425	0.507	-19.3	115	0.00
62 S	4-Bromofluorobenzene	0.574	0.573	0.2	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.555	0.629	-13.3	112	0.00
65 PM	Chlorobenzene	1.228	1.412	-15.0	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.419	0.521	-24.3#	118	0.00
67 C	Ethyl Benzene	2.071	2.431	-17.4#	114	0.00
68 T	m/p-Xylenes	0.799	0.943	-18.0	115	0.00
69 T	o-Xylene	0.785	0.913	-16.3	115	0.00
70 T	Styrene	1.291	1.513	-17.2	112	0.00
71 P	Bromoform	0.315	0.415	-31.7#	123	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.344	3.784	-13.2	115	0.00
74 T	N-amyl acetate	1.661	1.712	-3.1	110	0.00
75 P	1,1,2,2-Tetrachloroethane	0.988	1.100	-11.3	118	0.00
76 T	1,2,3-Trichloropropane	0.943	0.983	-4.2	115	0.00
77 T	Bromobenzene	0.932	1.031	-10.6	116	0.00
78 T	n-propylbenzene	3.835	4.371	-14.0	115	0.00
79 T	2-Chlorotoluene	2.290	2.538	-10.8	115	0.00
80 T	1,3,5-Trimethylbenzene	2.826	3.226	-14.2	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.249	0.317	-27.3#	123	0.00
82 T	4-Chlorotoluene	2.702	3.056	-13.1	116	0.00
83 T	tert-Butylbenzene	2.723	3.139	-15.3	116	0.00
84 T	1,2,4-Trimethylbenzene	2.884	3.336	-15.7	117	0.00
85 T	sec-Butylbenzene	3.385	3.862	-14.1	114	0.00
86 T	p-Isopropyltoluene	3.063	3.564	-16.4	116	0.00
87 T	1,3-Dichlorobenzene	1.709	1.928	-12.8	117	0.00
88 T	1,4-Dichlorobenzene	1.738	1.948	-12.1	116	0.00
89 T	n-Butylbenzene	2.702	3.123	-15.6	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.423	0.523	-23.6#	120	0.00
91 T	1,2-Dichlorobenzene	1.720	1.926	-12.0	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.250	-20.8#	118	0.00
93 T	1,2,4-Trichlorobenzene	1.248	1.461	-17.1	117	0.00
94 T	Hexachlorobutadiene	0.657	0.760	-15.7	114	0.00
95 T	Naphthalene	3.358	3.927	-16.9	114	0.00
96 T	1,2,3-Trichlorobenzene	1.253	1.449	-15.6	117	0.00

(#) = Out of Range

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