

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061518\
 Data File : VX002601.D
 Acq On : 15 Jun 2018 17:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 16 01:56:31 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	103	0.00
2 T	Dichlorodifluoromethane	0.531	0.537	-1.1	111	0.00
3 P	Chloromethane	0.631	0.599	5.1	105	0.00
4 C	Vinyl Chloride	0.655	0.665	-1.5#	108	0.00
5 T	Bromomethane	0.395	0.431	-9.1	128	0.00
6 T	Chloroethane	0.432	0.435	-0.7	109	0.00
7 T	Trichlorofluoromethane	1.065	1.156	-8.5	111	0.00
8 T	Diethyl Ether	0.405	0.413	-2.0	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.669	-12.4	117	0.00
10 T	Methyl Iodide	0.733	0.736	-0.4	102	0.00
11 T	Tert butyl alcohol	0.157	0.154	1.9	109	0.00
12 CM	1,1-Dichloroethene	0.559	0.577	-3.2#	109	0.00
13 T	Acrolein	0.080	0.067	16.2	101	0.00
14 T	Allyl chloride	1.109	1.151	-3.8	110	0.00
15 T	Acrylonitrile	0.343	0.345	-0.6	109	0.00
16 T	Acetone	0.335	0.329	1.8	110	0.00
17 T	Carbon Disulfide	1.325	1.420	-7.2	110	0.00
18 T	Methyl Acetate	0.893	0.902	-1.0	109	0.00
19 T	Methyl tert-butyl Ether	2.096	2.132	-1.7	110	0.00
20 T	Methylene Chloride	0.687	0.641	6.7	108	0.00
21 T	trans-1,2-Dichloroethene	0.606	0.624	-3.0	111	0.00
22 T	Diisopropyl ether	2.007	2.021	-0.7	110	0.00
23 T	Vinyl Acetate	1.680	1.732	-3.1	111	0.00
24 P	1,1-Dichloroethane	1.089	1.188	-9.1	126	0.00
25 T	2-Butanone	0.440	0.452	-2.7	111	0.00
26 T	2,2-Dichloropropane	0.783	0.867	-10.7	115	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.630	-2.1	112	0.00
28 T	Bromochloromethane	0.510	0.511	-0.2	104	0.00
29 T	Tetrahydrofuran	0.289	0.295	-2.1	110	0.00
30 C	Chloroform	1.050	1.084	-3.2#	109	0.00
31 T	Cyclohexane	0.897	0.985	-9.8	113	0.00
32 T	1,1,1-Trichloroethane	0.879	0.966	-9.9	112	0.00
33 S	1,2-Dichloroethane-d4	0.760	0.717	5.7	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.399	0.401	-0.5	104	0.00
36 T	1,1-Dichloropropene	0.531	0.592	-11.5	112	0.00
37 T	Ethyl Acetate	0.601	0.643	-7.0	110	0.00
38 T	Carbon Tetrachloride	0.529	0.622	-17.6	113	0.00
39 T	Methylcyclohexane	0.621	0.742	-19.5	115	0.00
40 TM	Benzene	1.592	1.714	-7.7	110	0.00
41 T	Methacrylonitrile	0.339	0.364	-7.4	111	0.00
42 TM	1,2-Dichloroethane	0.616	0.661	-7.3	109	0.00
43 T	Isopropyl Acetate	0.996	1.071	-7.5	109	0.00
44 TM	Trichloroethene	0.460	0.506	-10.0	111	0.00
45 C	1,2-Dichloropropane	0.419	0.442	-5.5#	108	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	0.280	0.305	-8.9	110	0.00
47 T	Bromodichloromethane	0.494	0.569	-15.2	112	0.00
48 T	Methyl methacrylate	0.509	0.560	-10.0	112	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	109	0.00
50 S	Toluene-d8	1.515	1.550	-2.3	103	0.00
51 T	4-Methyl-2-Pentanone	0.639	0.699	-9.4	110	0.00
52 CM	Toluene	1.016	1.130	-11.2#	111	0.00
53 T	t-1,3-Dichloropropene	0.582	0.701	-20.4#	113	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.649	-20.4#	112	0.00
55 T	1,1,2-Trichloroethane	0.410	0.452	-10.2	111	0.00
56 T	Ethyl methacrylate	0.632	0.710	-12.3	110	0.00
57 T	1,3-Dichloropropane	0.694	0.749	-7.9	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.305	0.350	-14.8	115	0.00
59 T	2-Hexanone	0.482	0.539	-11.8	111	0.00
60 T	Dibromochloromethane	0.396	0.477	-20.5#	114	0.00
61 T	1,2-Dibromoethane	0.425	0.477	-12.2	110	0.00
62 S	4-Bromofluorobenzene	0.574	0.600	-4.5	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.555	0.587	-5.8	106	0.00
65 PM	Chlorobenzene	1.228	1.352	-10.1	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.419	0.493	-17.7	113	0.00
67 C	Ethyl Benzene	2.071	2.361	-14.0#	112	0.00
68 T	m/p-Xylenes	0.799	0.917	-14.8	113	0.00
69 T	o-Xylene	0.785	0.884	-12.6	112	0.00
70 T	Styrene	1.291	1.488	-15.3	111	0.00
71 P	Bromoform	0.315	0.381	-21.0#	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.344	3.730	-11.5	113	0.00
74 T	N-amyl acetate	1.661	1.691	-1.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.988	1.043	-5.6	112	0.00
76 T	1,2,3-Trichloropropane	0.943	1.057	-12.1	124	0.00
77 T	Bromobenzene	0.932	1.005	-7.8	113	0.00
78 T	n-propylbenzene	3.835	4.352	-13.5	115	0.00
79 T	2-Chlorotoluene	2.290	2.466	-7.7	112	0.00
80 T	1,3,5-Trimethylbenzene	2.826	3.168	-12.1	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.249	0.299	-20.1#	116	0.00
82 T	4-Chlorotoluene	2.702	2.980	-10.3	113	0.00
83 T	tert-Butylbenzene	2.723	3.098	-13.8	115	0.00
84 T	1,2,4-Trimethylbenzene	2.884	3.247	-12.6	114	0.00
85 T	sec-Butylbenzene	3.385	3.904	-15.3	115	0.00
86 T	p-Isopropyltoluene	3.063	3.542	-15.6	116	0.00
87 T	1,3-Dichlorobenzene	1.709	1.863	-9.0	114	0.00
88 T	1,4-Dichlorobenzene	1.738	1.900	-9.3	114	0.00
89 T	n-Butylbenzene	2.702	3.196	-18.3	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.423	0.525	-24.1#	120	0.00
91 T	1,2-Dichlorobenzene	1.720	1.864	-8.4	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.240	-15.9	114	0.00
93 T	1,2,4-Trichlorobenzene	1.248	1.442	-15.5	115	0.00
94 T	Hexachlorobutadiene	0.657	0.796	-21.2#	119	0.00
95 T	Naphthalene	3.358	3.809	-13.4	111	0.00
96 T	1,2,3-Trichlorobenzene	1.253	1.427	-13.9	115	0.00

(#) = Out of Range

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