

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX111519\
 Data File : VX013447.D
 Acq On : 15 Nov 2019 16:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 16 01:01:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 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	87	0.00
2 T	Dichlorodifluoromethane	0.576	0.596	-3.5	87	0.00
3 P	Chloromethane	0.625	0.639	-2.2	86	0.00
4 C	Vinyl Chloride	0.711	0.762	-7.2#	88	0.00
5 T	Bromomethane	0.496	0.443	10.7	78	0.00
6 T	Chloroethane	0.454	0.425	6.4	90	0.00
7 T	Trichlorofluoromethane	0.840	0.854	-1.7	90	0.00
8 T	Diethyl Ether	0.372	0.393	-5.6	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.468	0.535	-14.3	101	0.00
10 T	Methyl Iodide	0.580	0.573	1.2	82	0.00
11 T	Tert butyl alcohol	0.156	0.148	5.1	89	-0.01
12 CM	1,1-Dichloroethene	0.459	0.513	-11.8#	96	0.00
13 T	Acrolein	0.085	0.101	-18.8	101	0.00
14 T	Allyl chloride	0.833	0.967	-16.1	100	0.00
15 T	Acrylonitrile	0.292	0.339	-16.1	97	0.00
16 T	Acetone	0.295	0.331	-12.2	95	0.00
17 T	Carbon Disulfide	1.228	1.290	-5.0	90	0.00
18 T	Methyl Acetate	0.816	0.962	-17.9	99	0.00
19 T	Methyl tert-butyl Ether	1.530	1.811	-18.4	99	0.00
20 T	Methylene Chloride	0.546	0.587	-7.5	97	0.00
21 T	trans-1,2-Dichloroethene	0.499	0.552	-10.6	96	0.00
22 T	Diisopropyl ether	1.609	1.905	-18.4	99	0.00
23 T	Vinyl Acetate	1.377	1.607	-16.7	97	0.00
24 P	1,1-Dichloroethane	0.900	1.031	-14.6	99	0.00
25 T	2-Butanone	0.433	0.503	-16.2	96	-0.01
26 T	2,2-Dichloropropane	0.716	0.863	-20.5#	104	0.00
27 T	cis-1,2-Dichloroethene	0.559	0.656	-17.4	99	0.00
28 T	Bromochloromethane	0.256	0.276	-7.8	92	0.00
29 T	Tetrahydrofuran	0.267	0.306	-14.6	93	-0.01
30 C	Chloroform	0.889	1.018	-14.5#	98	0.00
31 T	Cyclohexane	0.810	0.902	-11.4	98	0.00
32 T	1,1,1-Trichloroethane	0.765	0.860	-12.4	96	0.00
33 S	1,2-Dichloroethane-d4	0.592	0.578	2.4	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.314	0.329	-4.8	90	0.00
36 T	1,1-Dichloropropene	0.429	0.514	-19.8	97	0.00
37 T	Ethyl Acetate	0.530	0.618	-16.6	95	-0.01
38 T	Carbon Tetrachloride	0.419	0.497	-18.6	96	0.00
39 T	Methylcyclohexane	0.534	0.637	-19.3	101	0.00
40 TM	Benzene	1.336	1.565	-17.1	98	0.00
41 T	Methacrylonitrile	0.297	0.346	-16.5	96	0.00
42 TM	1,2-Dichloroethane	0.482	0.549	-13.9	93	0.00
43 T	Isopropyl Acetate	0.825	1.004	-21.7#	98	0.00
44 TM	Trichloroethene	0.368	0.425	-15.5	98	0.00
45 C	1,2-Dichloropropane	0.340	0.412	-21.2#	101	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.232	0.269	-15.9	96	0.00
47 T	Bromodichloromethane	0.438	0.543	-24.0#	100	0.00
48 T	Methyl methacrylate	0.412	0.503	-22.1#	96	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	86	0.00
50 S	Toluene-d8	1.182	1.243	-5.2	88	0.00
51 T	4-Methyl-2-Pentanone	0.541	0.639	-18.1	94	0.00
52 CM	Toluene	0.828	0.984	-18.8#	98	0.00
53 T	t-1,3-Dichloropropene	0.479	0.608	-26.9#	100	0.00
54 T	cis-1,3-Dichloropropene	0.536	0.669	-24.8#	101	0.00
55 T	1,1,2-Trichloroethane	0.343	0.417	-21.6#	100	0.00
56 T	Ethyl methacrylate	0.530	0.677	-27.7#	101	0.00
57 T	1,3-Dichloropropane	0.583	0.701	-20.2#	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.235	0.316	-34.5#	105	0.00
59 T	2-Hexanone	0.418	0.498	-19.1	94	0.00
60 T	Dibromochloromethane	0.351	0.439	-25.1#	99	0.00
61 T	1,2-Dibromoethane	0.364	0.432	-18.7	97	0.00
62 S	4-Bromofluorobenzene	0.427	0.452	-5.9	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.358	0.407	-13.7	96	0.00
65 PM	Chlorobenzene	1.012	1.180	-16.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.451	-21.2#	99	0.00
67 C	Ethyl Benzene	1.747	2.099	-20.1#	98	0.00
68 T	m/p-Xylenes	0.661	0.797	-20.6#	97	0.00
69 T	o-Xylene	0.647	0.775	-19.8	98	0.00
70 T	Styrene	1.081	1.344	-24.3#	99	0.00
71 P	Bromoform	0.300	0.388	-29.3#	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.315	4.055	-22.3#	99	0.00
74 T	N-amyl acetate	1.537	1.911	-24.3#	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.209	1.433	-18.5	98	0.00
76 T	1,2,3-Trichloropropane	1.016	1.160	-14.2	99	0.00
77 T	Bromobenzene	0.884	1.047	-18.4	97	0.00
78 T	n-propylbenzene	3.693	4.620	-25.1#	99	0.00
79 T	2-Chlorotoluene	2.225	2.692	-21.0#	99	0.00
80 T	1,3,5-Trimethylbenzene	2.761	3.404	-23.3#	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.395	0.499	-26.3#	100	0.00
82 T	4-Chlorotoluene	2.604	3.137	-20.5#	98	0.00
83 T	tert-Butylbenzene	2.780	3.467	-24.7#	99	0.00
84 T	1,2,4-Trimethylbenzene	2.770	3.420	-23.5#	98	0.00
85 T	sec-Butylbenzene	3.195	4.001	-25.2#	101	0.00
86 T	p-Isopropyltoluene	2.942	3.712	-26.2#	100	0.00
87 T	1,3-Dichlorobenzene	1.575	1.880	-19.4	98	0.00
88 T	1,4-Dichlorobenzene	1.605	1.876	-16.9	99	0.00
89 T	n-Butylbenzene	2.567	3.264	-27.2#	100	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.524	0.673	-28.4#	103	0.00
91 T	1,2-Dichlorobenzene	1.575	1.877	-19.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.317	-7.5	91	0.00
93 T	1,2,4-Trichlorobenzene	1.098	1.341	-22.1#	99	0.00
94 T	Hexachlorobutadiene	0.537	0.633	-17.9	98	0.00
95 T	Naphthalene	3.446	4.093	-18.8	91	0.00
96 T	1,2,3-Trichlorobenzene	1.102	1.320	-19.8	96	0.00

(#) = Out of Range

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