

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX091919\
 Data File : VX012517.D
 Acq On : 19 Sep 2019 10:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 20 04:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 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	121	0.00
2 T	Dichlorodifluoromethane	0.302	0.331	-9.6	116	0.00
3 P	Chloromethane	0.275	0.263	4.4	110	0.00
4 C	Vinyl Chloride	0.297	0.294	1.0#	113	0.00
5 T	Bromomethane	0.117	0.103	12.0	113	0.00
6 T	Chloroethane	0.232	0.211	9.1	117	0.00
7 T	Trichlorofluoromethane	0.545	0.570	-4.6	118	0.00
8 T	Diethyl Ether	0.246	0.234	4.9	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.394	0.399	-1.3	119	0.00
10 T	Methyl Iodide	0.301	0.296	1.7	108	0.00
11 T	Tert butyl alcohol	0.193	0.153	20.7#	99	0.00
12 CM	1,1-Dichloroethene	0.314	0.306	2.5#	112	0.00
13 T	Acrolein	0.069	0.053	23.2#	107	0.00
14 T	Allyl chloride	0.732	0.696	4.9	108	0.00
15 T	Acrylonitrile	0.311	0.287	7.7	107	0.00
16 T	Acetone	0.363	0.349	3.9	121	0.00
17 T	Carbon Disulfide	0.389	0.386	0.8	104	0.00
18 T	Methyl Acetate	0.747	0.680	9.0	106	0.00
19 T	Methyl tert-butyl Ether	1.714	1.668	2.7	114	0.00
20 T	Methylene Chloride	0.434	0.413	4.8	115	0.00
21 T	trans-1,2-Dichloroethene	0.326	0.323	0.9	113	0.00
22 T	Diisopropyl ether	1.714	1.664	2.9	114	0.00
23 T	Vinyl Acetate	1.410	1.384	1.8	110	0.00
24 P	1,1-Dichloroethane	0.820	0.816	0.5	114	0.00
25 T	2-Butanone	0.497	0.462	7.0	110	0.00
26 T	2,2-Dichloropropane	0.806	0.771	4.3	112	0.00
27 T	cis-1,2-Dichloroethene	0.488	0.481	1.4	116	0.00
28 T	Bromochloromethane	0.423	0.404	4.5	120	0.00
29 T	Tetrahydrofuran	0.275	0.252	8.4	103	0.00
30 C	Chloroform	0.942	0.901	4.4#	115	0.00
31 T	Cyclohexane	0.495	0.489	1.2	112	0.00
32 T	1,1,1-Trichloroethane	0.787	0.768	2.4	113	0.00
33 S	1,2-Dichloroethane-d4	0.717	0.720	-0.4	132	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
35 S	Dibromofluoromethane	0.303	0.331	-9.2	137	0.00
36 T	1,1-Dichloropropene	0.304	0.315	-3.6	115	0.00
37 T	Ethyl Acetate	0.466	0.470	-0.9	105	0.00
38 T	Carbon Tetrachloride	0.378	0.386	-2.1	113	0.00
39 T	Methylcyclohexane	0.295	0.324	-9.8	115	0.00
40 TM	Benzene	0.966	0.994	-2.9	114	0.00
41 T	Methacrylonitrile	0.300	0.285	5.0	107	0.00
42 TM	1,2-Dichloroethane	0.448	0.445	0.7	112	0.00
43 T	Isopropyl Acetate	0.837	0.814	2.7	107	0.00
44 TM	Trichloroethene	0.254	0.272	-7.1	117	0.00
45 C	1,2-Dichloropropane	0.297	0.301	-1.3#	115	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	0.192	0.199	-3.6	116	0.00
47 T	Bromodichloromethane	0.428	0.440	-2.8	112	0.00
48 T	Methyl methacrylate	0.395	0.384	2.8	106	0.00
49 T	1,4-Dioxane	0.010	0.009	10.0	105	0.00
50 S	Toluene-d8	1.120	1.216	-8.6	136	0.00
51 T	4-Methyl-2-Pentanone	0.549	0.522	4.9	104	0.00
52 CM	Toluene	0.623	0.654	-5.0#	115	0.00
53 T	t-1,3-Dichloropropene	0.445	0.462	-3.8	111	0.00
54 T	cis-1,3-Dichloropropene	0.460	0.479	-4.1	111	0.00
55 T	1,1,2-Trichloroethane	0.321	0.323	-0.6	114	0.00
56 T	Ethyl methacrylate	0.502	0.509	-1.4	111	0.00
57 T	1,3-Dichloropropane	0.512	0.527	-2.9	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.260	0.269	-3.5	117	0.00
59 T	2-Hexanone	0.428	0.413	3.5	105	0.00
60 T	Dibromochloromethane	0.327	0.349	-6.7	112	0.00
61 T	1,2-Dibromoethane	0.293	0.311	-6.1	113	0.00
62 S	4-Bromofluorobenzene	0.465	0.499	-7.3	135	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.229	0.268	-17.0	129	0.00
65 PM	Chlorobenzene	0.825	0.858	-4.0	118	0.00
66 T	1,1,1,2-Tetrachloroethane	0.342	0.360	-5.3	115	0.00
67 C	Ethyl Benzene	1.418	1.498	-5.6#	115	0.00
68 T	m/p-Xylenes	0.516	0.555	-7.6	117	0.00
69 T	o-Xylene	0.531	0.565	-6.4	116	0.00
70 T	Styrene	0.939	1.013	-7.9	116	0.00
71 P	Bromoform	0.256	0.272	-6.3	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73 T	Isopropylbenzene	3.137	3.235	-3.1	115	0.00
74 T	N-amyl acetate	1.689	1.658	1.8	107	0.00
75 P	1,1,2,2-Tetrachloroethane	1.231	1.191	3.2	109	0.00
76 T	1,2,3-Trichloropropane	1.149	0.977	15.0	93	0.00
77 T	Bromobenzene	0.765	0.793	-3.7	117	0.00
78 T	n-propylbenzene	3.497	3.658	-4.6	115	0.00
79 T	2-Chlorotoluene	2.275	2.257	0.8	114	0.00
80 T	1,3,5-Trimethylbenzene	2.676	2.783	-4.0	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.387	0.380	1.8	106	0.00
82 T	4-Chlorotoluene	2.611	2.701	-3.4	117	0.00
83 T	tert-Butylbenzene	2.867	2.885	-0.6	114	0.00
84 T	1,2,4-Trimethylbenzene	2.747	2.869	-4.4	116	0.00
85 T	sec-Butylbenzene	3.159	3.302	-4.5	115	0.00
86 T	p-Isopropyltoluene	2.901	3.084	-6.3	116	0.00
87 T	1,3-Dichlorobenzene	1.439	1.515	-5.3	119	0.00
88 T	1,4-Dichlorobenzene	1.478	1.532	-3.7	118	0.00
89 T	n-Butylbenzene	2.588	2.693	-4.1	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.532	0.552	-3.8	111	0.00
91 T	1,2-Dichlorobenzene	1.504	1.540	-2.4	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.319	0.312	2.2	105	0.00
93 T	1,2,4-Trichlorobenzene	0.969	1.064	-9.8	118	0.00
94 T	Hexachlorobutadiene	0.457	0.456	0.2	113	0.00
95 T	Naphthalene	3.448	3.679	-6.7	112	0.00
96 T	1,2,3-Trichlorobenzene	0.987	1.081	-9.5	118	0.00

(#) = Out of Range

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