

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv112019\
 Data File : VY000745.D
 Acq On : 20 Nov 2019 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 21 07:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 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	91	0.00
2 T	Dichlorodifluoromethane	0.492	0.448	8.9	79	0.00
3 P	Chloromethane	0.678	0.592	12.7	79	0.00
4 C	Vinyl Chloride	0.630	0.594	5.7#	85	0.00
5 T	Bromomethane	0.378	0.387	-2.4	98	0.00
6 T	Chloroethane	0.394	0.394	0.0	92	0.00
7 T	Trichlorofluoromethane	0.850	0.855	-0.6	92	0.00
8 T	Diethyl Ether	0.302	0.293	3.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.516	-0.4	93	0.00
10 T	Methyl Iodide	0.606	0.615	-1.5	86	0.00
11 T	Tert butyl alcohol	0.050	0.043	14.0	86	-0.01
12 CM	1,1-Dichloroethene	0.499	0.490	1.8#	86	0.00
13 T	Acrolein	0.044	0.035	20.5#	73	0.00
14 T	Allyl chloride	0.812	0.838	-3.2	93	0.00
15 T	Acrylonitrile	0.155	0.155	0.0	92	0.00
16 T	Acetone	0.143	0.159	-11.2	93	0.00
17 T	Carbon Disulfide	1.575	1.459	7.4	84	0.00
18 T	Methyl Acetate	0.443	0.429	3.2	94	0.00
19 T	Methyl tert-butyl Ether	1.389	1.377	0.9	91	0.00
20 T	Methylene Chloride	0.611	0.540	11.6	88	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.553	2.1	89	0.00
22 T	Diisopropyl ether	1.765	1.883	-6.7	97	0.00
23 T	Vinyl Acetate	1.114	1.155	-3.7	93	0.00
24 P	1,1-Dichloroethane	0.956	0.979	-2.4	94	0.00
25 T	2-Butanone	0.228	0.241	-5.7	94	0.00
26 T	2,2-Dichloropropane	0.874	0.885	-1.3	95	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.629	-1.9	92	0.00
28 T	Bromochloromethane	0.388	0.458	-18.0	89	0.00
29 T	Tetrahydrofuran	0.139	0.141	-1.4	93	0.00
30 C	Chloroform	0.967	1.017	-5.2#	96	0.00
31 T	Cyclohexane	1.002	0.950	5.2	89	0.00
32 T	1,1,1-Trichloroethane	0.862	0.885	-2.7	93	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.533	-3.1	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.294	0.302	-2.7	89	0.00
36 T	1,1-Dichloropropene	0.473	0.481	-1.7	92	0.00
37 T	Ethyl Acetate	0.281	0.263	6.4	88	-0.01
38 T	Carbon Tetrachloride	0.455	0.480	-5.5	94	-0.01
39 T	Methylcyclohexane	0.611	0.630	-3.1	90	0.00
40 TM	Benzene	1.386	1.424	-2.7	92	0.00
41 T	Methacrylonitrile	0.157	0.144	8.3	89	-0.02
42 TM	1,2-Dichloroethane	0.393	0.409	-4.1	92	0.00
43 T	Isopropyl Acetate	0.527	0.542	-2.8	94	0.00
44 TM	Trichloroethene	0.365	0.382	-4.7	95	0.00
45 C	1,2-Dichloropropane	0.341	0.363	-6.5#	95	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.188	0.195	-3.7	93	0.00
47 T	Bromodichloromethane	0.445	0.481	-8.1	94	0.00
48 T	Methyl methacrylate	0.230	0.244	-6.1	96	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	89	-0.01
50 S	Toluene-d8	1.114	1.234	-10.8	89	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.290	-3.6	92	0.00
52 CM	Toluene	0.876	0.930	-6.2#	95	0.00
53 T	t-1,3-Dichloropropene	0.476	0.516	-8.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.583	-7.0	94	0.00
55 T	1,1,2-Trichloroethane	0.271	0.286	-5.5	94	0.00
56 T	Ethyl methacrylate	0.385	0.417	-8.3	92	0.00
57 T	1,3-Dichloropropane	0.475	0.505	-6.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.187	-7.5	91	0.00
59 T	2-Hexanone	0.204	0.217	-6.4	91	0.00
60 T	Dibromochloromethane	0.311	0.324	-4.2	91	0.00
61 T	1,2-Dibromoethane	0.261	0.274	-5.0	91	0.00
62 S	4-Bromofluorobenzene	0.424	0.455	-7.3	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.413	0.427	-3.4	94	0.00
65 PM	Chlorobenzene	1.014	1.066	-5.1	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.379	-7.7	96	0.00
67 C	Ethyl Benzene	1.866	1.970	-5.6#	94	0.00
68 T	m/p-Xylenes	0.722	0.762	-5.5	93	0.00
69 T	o-Xylene	0.679	0.723	-6.5	97	0.00
70 T	Styrene	1.162	1.254	-7.9	95	0.00
71 P	Bromoform	0.202	0.213	-5.4	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.695	3.809	-3.1	96	0.00
74 T	N-amyl acetate	1.058	1.115	-5.4	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.745	-1.8	96	0.00
76 T	1,2,3-Trichloropropane	0.569	0.520	8.6	77	0.00
77 T	Bromobenzene	0.838	0.838	0.0	94	0.00
78 T	n-propylbenzene	4.459	4.645	-4.2	96	0.00
79 T	2-Chlorotoluene	2.475	2.517	-1.7	95	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.179	-3.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.264	-3.9	94	0.00
82 T	4-Chlorotoluene	2.566	2.686	-4.7	97	0.00
83 T	tert-Butylbenzene	2.628	2.725	-3.7	95	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.215	-4.9	95	0.00
85 T	sec-Butylbenzene	3.744	4.003	-6.9	97	0.00
86 T	p-Isopropyltoluene	3.337	3.539	-6.1	96	0.00
87 T	1,3-Dichlorobenzene	1.641	1.709	-4.1	97	0.00
88 T	1,4-Dichlorobenzene	1.640	1.689	-3.0	95	0.00
89 T	n-Butylbenzene	3.291	3.537	-7.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.649	-5.2	95	0.00
91 T	1,2-Dichlorobenzene	1.489	1.554	-4.4	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.124	3.9	91	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.033	-1.9	97	0.00
94 T	Hexachlorobutadiene	0.523	0.528	-1.0	92	0.00
95 T	Naphthalene	2.251	2.213	1.7	92	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.888	2.4	90	0.00

(#) = Out of Range

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