

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy111519\
 Data File : VY000716.D
 Acq On : 15 Nov 2019 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 16 03:33:48 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	85	0.00
2 T	Dichlorodifluoromethane	0.492	0.513	-4.3	85	0.00
3 P	Chloromethane	0.678	0.682	-0.6	85	0.00
4 C	Vinyl Chloride	0.630	0.647	-2.7#	86	0.00
5 T	Bromomethane	0.378	0.512	-35.4#	120	0.00
6 T	Chloroethane	0.394	0.429	-8.9	93	0.00
7 T	Trichlorofluoromethane	0.850	0.944	-11.1	95	0.00
8 T	Diethyl Ether	0.302	0.334	-10.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.569	-10.7	96	0.00
10 T	Methyl Iodide	0.606	0.527	13.0	69	0.00
11 T	Tert butyl alcohol	0.050	0.057	-14.0	105	0.00
12 CM	1,1-Dichloroethene	0.499	0.552	-10.6#	90	0.00
13 T	Acrolein	0.044	0.038	13.6	74	0.00
14 T	Allyl chloride	0.812	0.966	-19.0	100	0.00
15 T	Acrylonitrile	0.155	0.186	-20.0	103	0.00
16 T	Acetone	0.143	0.134	6.3	73	0.00
17 T	Carbon Disulfide	1.575	1.653	-5.0	89	0.00
18 T	Methyl Acetate	0.443	0.540	-21.9#	110	0.00
19 T	Methyl tert-butyl Ether	1.389	1.626	-17.1	100	0.00
20 T	Methylene Chloride	0.611	0.652	-6.7	98	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.629	-11.3	94	0.00
22 T	Diisopropyl ether	1.765	2.153	-22.0#	103	0.00
23 T	Vinyl Acetate	1.114	1.353	-21.5#	102	0.00
24 P	1,1-Dichloroethane	0.956	1.103	-15.4	99	0.00
25 T	2-Butanone	0.228	0.248	-8.8	90	0.00
26 T	2,2-Dichloropropane	0.874	0.918	-5.0	92	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.720	-16.7	99	0.00
28 T	Bromochloromethane	0.388	0.499	-28.6#	90	0.00
29 T	Tetrahydrofuran	0.139	0.170	-22.3#	105	0.00
30 C	Chloroform	0.967	1.168	-20.8#	103	0.00
31 T	Cyclohexane	1.002	1.031	-2.9	90	0.00
32 T	1,1,1-Trichloroethane	0.862	0.973	-12.9	96	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.627	-21.3#	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.294	0.308	-4.8	89	0.00
36 T	1,1-Dichloropropene	0.473	0.507	-7.2	96	0.00
37 T	Ethyl Acetate	0.281	0.316	-12.5	104	0.00
38 T	Carbon Tetrachloride	0.455	0.495	-8.8	95	0.00
39 T	Methylcyclohexane	0.611	0.641	-4.9	91	0.00
40 TM	Benzene	1.386	1.533	-10.6	98	0.00
41 T	Methacrylonitrile	0.157	0.187	-19.1	114	-0.01
42 TM	1,2-Dichloroethane	0.393	0.469	-19.3	105	0.00
43 T	Isopropyl Acetate	0.527	0.617	-17.1	105	0.00
44 TM	Trichloroethene	0.365	0.401	-9.9	98	0.00
45 C	1,2-Dichloropropane	0.341	0.386	-13.2#	100	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.188	0.215	-14.4	101	0.00
47 T	Bromodichloromethane	0.445	0.523	-17.5	101	0.00
48 T	Methyl methacrylate	0.230	0.279	-21.3#	109	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	109	0.00
50 S	Toluene-d8	1.114	1.240	-11.3	88	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.336	-20.0	105	0.00
52 CM	Toluene	0.876	0.973	-11.1#	98	0.00
53 T	t-1,3-Dichloropropene	0.476	0.558	-17.2	99	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.622	-14.1	99	0.00
55 T	1,1,2-Trichloroethane	0.271	0.312	-15.1	101	0.00
56 T	Ethyl methacrylate	0.385	0.462	-20.0#	101	0.00
57 T	1,3-Dichloropropane	0.475	0.557	-17.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.185	-6.3	89	0.00
59 T	2-Hexanone	0.204	0.228	-11.8	94	0.00
60 T	Dibromochloromethane	0.311	0.361	-16.1	100	0.00
61 T	1,2-Dibromoethane	0.261	0.302	-15.7	100	0.00
62 S	4-Bromofluorobenzene	0.424	0.456	-7.5	91	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	1.104	-8.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.394	-11.9	99	0.00
67 C	Ethyl Benzene	1.866	2.070	-10.9#	99	0.00
68 T	m/p-Xylenes	0.722	0.783	-8.4	96	0.00
69 T	o-Xylene	0.679	0.747	-10.0	100	0.00
70 T	Styrene	1.162	1.311	-12.8	99	0.00
71 P	Bromoform	0.202	0.234	-15.8	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.695	4.078	-10.4	99	0.00
74 T	N-amyl acetate	1.058	1.219	-15.2	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.845	-15.4	106	0.00
76 T	1,2,3-Trichloropropane	0.569	0.565	0.7	81	0.00
77 T	Bromobenzene	0.838	0.910	-8.6	99	0.00
78 T	n-propylbenzene	4.459	4.880	-9.4	98	0.00
79 T	2-Chlorotoluene	2.475	2.783	-12.4	102	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.400	-10.5	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.285	-12.2	98	0.00
82 T	4-Chlorotoluene	2.566	2.871	-11.9	100	0.00
83 T	tert-Butylbenzene	2.628	2.835	-7.9	96	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.465	-13.1	99	0.00
85 T	sec-Butylbenzene	3.744	4.203	-12.3	98	0.00
86 T	p-Isopropyltoluene	3.337	3.692	-10.6	97	0.00
87 T	1,3-Dichlorobenzene	1.641	1.782	-8.6	98	0.00
88 T	1,4-Dichlorobenzene	1.640	1.783	-8.7	97	0.00
89 T	n-Butylbenzene	3.291	3.628	-10.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.692	-12.2	98	0.00
91 T	1,2-Dichlorobenzene	1.489	1.666	-11.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.144	-11.6	102	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.071	-5.6	98	0.00
94 T	Hexachlorobutadiene	0.523	0.540	-3.3	91	0.00
95 T	Naphthalene	2.251	2.408	-7.0	97	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.975	-7.1	96	0.00

(#) = Out of Range

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