

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv121819\
 Data File : VY001004.D
 Acq On : 18 Dec 2019 18:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 19 07:07:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 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	78	0.00
2 T	Dichlorodifluoromethane	0.538	0.404	24.9#	59	0.00
3 P	Chloromethane	0.663	0.544	17.9	64	0.00
4 C	Vinyl Chloride	0.654	0.563	13.9#	67	0.00
5 T	Bromomethane	0.394	0.363	7.9	71	0.00
6 T	Chloroethane	0.401	0.373	7.0	70	0.00
7 T	Trichlorofluoromethane	0.896	0.819	8.6	70	0.00
8 T	Diethyl Ether	0.337	0.350	-3.9	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.539	2.5	75	0.00
10 T	Methyl Iodide	0.697	0.683	2.0	73	0.00
11 T	Tert butyl alcohol	0.053	0.060	-13.2	81	0.00
12 CM	1,1-Dichloroethene	0.548	0.534	2.6#	75	0.00
13 T	Acrolein	0.053	0.052	1.9	79	0.00
14 T	Allyl chloride	0.940	0.924	1.7	73	0.00
15 T	Acrylonitrile	0.174	0.197	-13.2	83	0.00
16 T	Acetone	0.122	0.128	-4.9	80	0.00
17 T	Carbon Disulfide	1.773	1.521	14.2	65	0.00
18 T	Methyl Acetate	0.510	0.574	-12.5	86	0.00
19 T	Methyl tert-butyl Ether	1.464	1.560	-6.6	77	0.00
20 T	Methylene Chloride	0.642	0.673	-4.8	82	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.614	1.4	75	0.00
22 T	Diisopropyl ether	1.932	2.018	-4.5	77	0.00
23 T	Vinyl Acetate	1.175	1.237	-5.3	74	0.00
24 P	1,1-Dichloroethane	1.065	1.087	-2.1	76	0.00
25 T	2-Butanone	0.225	0.236	-4.9	72	0.00
26 T	2,2-Dichloropropane	0.896	0.851	5.0	73	-0.01
27 T	cis-1,2-Dichloroethene	0.674	0.720	-6.8	81	0.00
28 T	Bromochloromethane	0.360	0.459	-27.5#	87	0.00
29 T	Tetrahydrofuran	0.149	0.167	-12.1	80	0.00
30 C	Chloroform	1.068	1.062	0.6#	78	0.00
31 T	Cyclohexane	1.128	1.029	8.8	71	0.00
32 T	1,1,1-Trichloroethane	0.882	0.869	1.5	75	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.514	3.2	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.291	0.288	1.0	81	0.00
36 T	1,1-Dichloropropene	0.497	0.474	4.6	75	0.00
37 T	Ethyl Acetate	0.287	0.291	-1.4	76	0.00
38 T	Carbon Tetrachloride	0.443	0.419	5.4	73	0.00
39 T	Methylcyclohexane	0.659	0.619	6.1	73	0.00
40 TM	Benzene	1.448	1.456	-0.6	77	0.00
41 T	Methacrylonitrile	0.151	0.176	-16.6	91	0.00
42 TM	1,2-Dichloroethane	0.381	0.374	1.8	75	0.00
43 T	Isopropyl Acetate	0.541	0.550	-1.7	75	0.00
44 TM	Trichloroethene	0.372	0.378	-1.6	78	0.00
45 C	1,2-Dichloropropane	0.364	0.381	-4.7#	79	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.190	0.196	-3.2	77	0.00
47 T	Bromodichloromethane	0.446	0.463	-3.8	78	0.00
48 T	Methyl methacrylate	0.238	0.245	-2.9	73	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	75	0.00
50 S	Toluene-d8	1.165	1.152	1.1	77	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.301	-7.5	78	0.00
52 CM	Toluene	0.897	0.902	-0.6#	76	0.00
53 T	t-1,3-Dichloropropene	0.480	0.501	-4.4	76	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.586	-3.4	78	0.00
55 T	1,1,2-Trichloroethane	0.281	0.305	-8.5	82	0.00
56 T	Ethyl methacrylate	0.402	0.440	-9.5	78	0.00
57 T	1,3-Dichloropropane	0.489	0.524	-7.2	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.165	-1.9	82	0.00
59 T	2-Hexanone	0.204	0.207	-1.5	69	0.00
60 T	Dibromochloromethane	0.302	0.319	-5.6	78	0.00
61 T	1,2-Dibromoethane	0.265	0.280	-5.7	78	0.00
62 S	4-Bromofluorobenzene	0.438	0.401	8.4	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.434	0.441	-1.6	80	0.00
65 PM	Chlorobenzene	1.039	1.053	-1.3	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.367	-4.9	79	0.00
67 C	Ethyl Benzene	1.936	1.918	0.9#	76	0.00
68 T	m/p-Xylenes	0.727	0.729	-0.3	77	0.00
69 T	o-Xylene	0.677	0.699	-3.2	79	0.00
70 T	Styrene	1.160	1.200	-3.4	77	0.00
71 P	Bromoform	0.198	0.210	-6.1	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.981	3.870	2.8	76	0.00
74 T	N-amyl acetate	1.108	1.085	2.1	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.784	0.808	-3.1	76	0.00
76 T	1,2,3-Trichloropropane	0.566	0.652	-15.2	89	0.00
77 T	Bromobenzene	0.863	0.869	-0.7	77	0.00
78 T	n-propylbenzene	4.861	4.738	2.5	76	0.00
79 T	2-Chlorotoluene	2.685	2.591	3.5	76	0.00
80 T	1,3,5-Trimethylbenzene	3.296	3.185	3.4	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.299	-3.8	73	0.00
82 T	4-Chlorotoluene	2.767	2.706	2.2	77	0.00
83 T	tert-Butylbenzene	2.771	2.701	2.5	75	0.00
84 T	1,2,4-Trimethylbenzene	3.298	3.197	3.1	75	0.00
85 T	sec-Butylbenzene	4.030	3.925	2.6	76	0.00
86 T	p-Isopropyltoluene	3.506	3.389	3.3	75	0.00
87 T	1,3-Dichlorobenzene	1.693	1.679	0.8	78	0.00
88 T	1,4-Dichlorobenzene	1.676	1.653	1.4	76	0.00
89 T	n-Butylbenzene	3.544	3.454	2.5	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.646	0.641	0.8	74	0.00
91 T	1,2-Dichlorobenzene	1.523	1.545	-1.4	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.129	1.5	73	0.00
93 T	1,2,4-Trichlorobenzene	1.030	1.015	1.5	76	0.00
94 T	Hexachlorobutadiene	0.511	0.486	4.9	75	0.00
95 T	Naphthalene	2.393	2.404	-0.5	75	0.00
96 T	1,2,3-Trichlorobenzene	0.920	0.898	2.4	76	0.00

(#) = Out of Range

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