

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000989.D
 Acq On : 17 Dec 2019 19:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 06:58:00 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	76	0.00
2 T	Dichlorodifluoromethane	0.538	0.397	26.2#	56	0.00
3 P	Chloromethane	0.663	0.547	17.5	62	0.00
4 C	Vinyl Chloride	0.654	0.551	15.7#	63	0.00
5 T	Bromomethane	0.394	0.373	5.3	71	0.00
6 T	Chloroethane	0.401	0.373	7.0	67	0.00
7 T	Trichlorofluoromethane	0.896	0.807	9.9	67	0.00
8 T	Diethyl Ether	0.337	0.344	-2.1	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.525	5.1	70	0.00
10 T	Methyl Iodide	0.697	0.660	5.3	68	0.00
11 T	Tert butyl alcohol	0.053	0.053	0.0	69	0.00
12 CM	1,1-Dichloroethene	0.548	0.518	5.5#	71	0.00
13 T	Acrolein	0.053	0.057	-7.5	83	0.00
14 T	Allyl chloride	0.940	0.927	1.4	71	0.00
15 T	Acrylonitrile	0.174	0.186	-6.9	76	0.00
16 T	Acetone	0.122	0.118	3.3	72	0.00
17 T	Carbon Disulfide	1.773	1.515	14.6	63	0.00
18 T	Methyl Acetate	0.510	0.555	-8.8	81	0.00
19 T	Methyl tert-butyl Ether	1.464	1.542	-5.3	74	0.00
20 T	Methylene Chloride	0.642	0.635	1.1	75	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.605	2.9	72	0.00
22 T	Diisopropyl ether	1.932	2.006	-3.8	74	0.00
23 T	Vinyl Acetate	1.175	1.215	-3.4	71	0.00
24 P	1,1-Dichloroethane	1.065	1.065	0.0	72	0.00
25 T	2-Butanone	0.225	0.225	0.0	67	0.00
26 T	2,2-Dichloropropane	0.896	0.853	4.8	70	0.00
27 T	cis-1,2-Dichloroethene	0.674	0.707	-4.9	76	0.00
28 T	Bromochloromethane	0.360	0.462	-28.3#	85	0.00
29 T	Tetrahydrofuran	0.149	0.162	-8.7	75	0.00
30 C	Chloroform	1.068	1.060	0.7#	75	0.00
31 T	Cyclohexane	1.128	0.989	12.3	66	0.00
32 T	1,1,1-Trichloroethane	0.882	0.854	3.2	71	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.565	-6.4	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.291	0.305	-4.8	85	0.00
36 T	1,1-Dichloropropene	0.497	0.455	8.5	71	0.00
37 T	Ethyl Acetate	0.287	0.283	1.4	73	0.00
38 T	Carbon Tetrachloride	0.443	0.400	9.7	69	0.00
39 T	Methylcyclohexane	0.659	0.569	13.7	67	0.00
40 TM	Benzene	1.448	1.400	3.3	74	0.00
41 T	Methacrylonitrile	0.151	0.126	16.6	64	0.00
42 TM	1,2-Dichloroethane	0.381	0.371	2.6	73	0.00
43 T	Isopropyl Acetate	0.541	0.521	3.7	70	0.00
44 TM	Trichloroethene	0.372	0.365	1.9	75	0.00
45 C	1,2-Dichloropropane	0.364	0.371	-1.9#	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.190	0.194	-2.1	75	0.00
47 T	Bromodichloromethane	0.446	0.445	0.2	74	0.00
48 T	Methyl methacrylate	0.238	0.233	2.1	68	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	72	0.00
50 S	Toluene-d8	1.165	1.207	-3.6	80	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.285	-1.8	73	0.00
52 CM	Toluene	0.897	0.877	2.2#	73	0.00
53 T	t-1,3-Dichloropropene	0.480	0.494	-2.9	74	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.573	-1.1	75	0.00
55 T	1,1,2-Trichloroethane	0.281	0.290	-3.2	77	0.00
56 T	Ethyl methacrylate	0.402	0.423	-5.2	74	0.00
57 T	1,3-Dichloropropane	0.489	0.498	-1.8	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.161	0.6	79	0.00
59 T	2-Hexanone	0.204	0.197	3.4	65	0.00
60 T	Dibromochloromethane	0.302	0.313	-3.6	76	0.00
61 T	1,2-Dibromoethane	0.265	0.272	-2.6	75	0.00
62 S	4-Bromofluorobenzene	0.438	0.422	3.7	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.434	0.409	5.8	75	0.00
65 PM	Chlorobenzene	1.039	1.005	3.3	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.345	1.4	75	0.00
67 C	Ethyl Benzene	1.936	1.818	6.1#	73	0.00
68 T	m/p-Xylenes	0.727	0.692	4.8	74	0.00
69 T	o-Xylene	0.677	0.664	1.9	75	0.00
70 T	Styrene	1.160	1.145	1.3	75	0.00
71 P	Bromoform	0.198	0.199	-0.5	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.981	3.759	5.6	73	0.00
74 T	N-amyl acetate	1.108	1.086	2.0	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.784	0.784	0.0	73	0.00
76 T	1,2,3-Trichloropropane	0.566	0.675	-19.3	91	0.00
77 T	Bromobenzene	0.863	0.845	2.1	74	0.00
78 T	n-propylbenzene	4.861	4.546	6.5	72	0.00
79 T	2-Chlorotoluene	2.685	2.532	5.7	73	0.00
80 T	1,3,5-Trimethylbenzene	3.296	3.097	6.0	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.293	-1.7	70	0.00
82 T	4-Chlorotoluene	2.767	2.629	5.0	74	0.00
83 T	tert-Butylbenzene	2.771	2.594	6.4	71	0.00
84 T	1,2,4-Trimethylbenzene	3.298	3.075	6.8	71	0.00
85 T	sec-Butylbenzene	4.030	3.776	6.3	72	0.00
86 T	p-Isopropyltoluene	3.506	3.282	6.4	71	0.00
87 T	1,3-Dichlorobenzene	1.693	1.608	5.0	74	0.00
88 T	1,4-Dichlorobenzene	1.676	1.627	2.9	74	0.00
89 T	n-Butylbenzene	3.544	3.280	7.4	71	0.00

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90 T	Hexachloroethane	0.646	0.617	4.5	71	0.00
91 T	1,2-Dichlorobenzene	1.523	1.509	0.9	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.127	3.1	71	0.00
93 T	1,2,4-Trichlorobenzene	1.030	0.981	4.8	73	0.00
94 T	Hexachlorobutadiene	0.511	0.459	10.2	70	0.00
95 T	Naphthalene	2.393	2.373	0.8	73	0.00
96 T	1,2,3-Trichlorobenzene	0.920	0.898	2.4	75	0.00

(#) = Out of Range

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