

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv042820\
 Data File : VY002497.D
 Acq On : 28 Apr 2020 16:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 29 00:46:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	92	-0.02
2 T	Dichlorodifluoromethane	0.366	0.386	-5.5	99	0.00
3 P	Chloromethane	0.466	0.469	-0.6	95	-0.01
4 C	Vinyl Chloride	0.335	0.336	-0.3#	111	-0.01
5 T	Bromomethane	0.188	0.215	-14.4	114	-0.02
6 T	Chloroethane	0.176	0.166	5.7	95	-0.02
7 T	Trichlorofluoromethane	0.607	0.662	-9.1	90	-0.02
8 T	Diethyl Ether	0.250	0.261	-4.4	95	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.418	0.418	0.0	87	-0.02
10 T	Methyl Iodide	0.644	0.658	-2.2	91	-0.02
11 T	Tert butyl alcohol	0.041	0.042	-2.4	110	-0.03
12 CM	1,1-Dichloroethene	0.428	0.427	0.2#	89	-0.02
13 T	Acrolein	0.033	0.041	-24.2	111	-0.02
14 T	Allyl chloride	0.629	0.596	5.2	88	-0.02
15 T	Acrylonitrile	0.120	0.118	1.7	96	-0.03
16 T	Acetone	0.091	0.091	0.0	95	-0.02
17 T	Carbon Disulfide	1.335	1.271	4.8	86	-0.02
18 T	Methyl Acetate	0.294	0.275	6.5	96	-0.02
19 T	Methyl tert-butyl Ether	1.155	1.187	-2.8	98	-0.03
20 T	Methylene Chloride	0.521	0.485	6.9	97	-0.02
21 T	trans-1,2-Dichloroethene	0.482	0.465	3.5	90	-0.02
22 T	Diisopropyl ether	1.244	1.164	6.4	90	-0.02
23 T	Vinyl Acetate	0.790	0.766	3.0	93	-0.02
24 P	1,1-Dichloroethane	0.753	0.726	3.6	89	-0.02
25 T	2-Butanone	0.140	0.137	2.1	99	-0.02
26 T	2,2-Dichloropropane	0.720	0.718	0.3	93	-0.02
27 T	cis-1,2-Dichloroethene	0.524	0.525	-0.2	94	-0.02
28 T	Bromochloromethane	0.294	0.262	10.9	85	-0.02
29 T	Tetrahydrofuran	0.093	0.089	4.3	96	-0.02
30 C	Chloroform	0.802	0.800	0.2#	94	-0.02
31 T	Cyclohexane	0.753	0.645	14.3	85	-0.02
32 T	1,1,1-Trichloroethane	0.758	0.763	-0.7	92	-0.02
33 S	1,2-Dichloroethane-d4	0.437	0.415	5.0	95	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.01
35 S	Dibromofluoromethane	0.282	0.272	3.5	94	-0.02
36 T	1,1-Dichloropropene	0.429	0.405	5.6	89	-0.02
37 T	Ethyl Acetate	0.215	0.198	7.9	94	-0.02
38 T	Carbon Tetrachloride	0.493	0.495	-0.4	93	-0.02
39 T	Methylcyclohexane	0.559	0.527	5.7	87	-0.02
40 TM	Benzene	1.239	1.155	6.8	88	-0.02
41 T	Methacrylonitrile	0.133	0.130	2.3	98	-0.02
42 TM	1,2-Dichloroethane	0.360	0.358	0.6	95	-0.02
43 T	Isopropyl Acetate	0.403	0.384	4.7	95	-0.01
44 TM	Trichloroethene	0.387	0.379	2.1	92	-0.01
45 C	1,2-Dichloropropane	0.286	0.270	5.6#	90	-0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.167	0.166	0.6	94	-0.02
47 T	Bromodichloromethane	0.418	0.419	-0.2	94	-0.01
48 T	Methyl methacrylate	0.184	0.177	3.8	95	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	95	-0.01
50 S	Toluene-d8	1.134	1.046	7.8	93	-0.01
51 T	4-Methyl-2-Pentanone	0.209	0.203	2.9	97	-0.01
52 CM	Toluene	0.798	0.782	2.0#	92	-0.01
53 T	t-1,3-Dichloropropene	0.439	0.440	-0.2	94	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.496	1.2	93	-0.01
55 T	1,1,2-Trichloroethane	0.247	0.243	1.6	97	-0.01
56 T	Ethyl methacrylate	0.338	0.334	1.2	96	0.00
57 T	1,3-Dichloropropane	0.417	0.409	1.9	96	-0.01
58 T	2-Chloroethyl Vinyl ether	0.163	0.145	11.0	89	-0.01
59 T	2-Hexanone	0.146	0.139	4.8	97	0.00
60 T	Dibromochloromethane	0.324	0.289	10.8	85	0.00
61 T	1,2-Dibromoethane	0.245	0.241	1.6	97	0.00
62 S	4-Bromofluorobenzene	0.380	0.356	6.3	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.01
64 T	Tetrachloroethene	0.458	0.452	1.3	95	-0.01
65 PM	Chlorobenzene	0.964	0.956	0.8	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.362	0.368	-1.7	96	0.00
67 C	Ethyl Benzene	1.718	1.675	2.5#	92	-0.01
68 T	m/p-Xylenes	0.661	0.646	2.3	93	-0.01
69 T	o-Xylene	0.612	0.612	0.0	94	0.00
70 T	Styrene	1.066	1.056	0.9	93	-0.01
71 P	Bromoform	0.228	0.231	-1.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.343	3.494	-4.5	91	0.00
74 T	N-amyl acetate	0.792	0.815	-2.9	94	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.513	0.531	-3.5	98	-0.01
76 T	1,2,3-Trichloropropane	0.424	0.409	3.5	86	0.00
77 T	Bromobenzene	0.838	0.902	-7.6	96	0.00
78 T	n-propylbenzene	3.881	4.064	-4.7	90	0.00
79 T	2-Chlorotoluene	2.124	2.236	-5.3	92	0.00
80 T	1,3,5-Trimethylbenzene	2.837	3.045	-7.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.229	0.236	-3.1	94	0.00
82 T	4-Chlorotoluene	2.195	2.379	-8.4	94	0.00
83 T	tert-Butylbenzene	2.464	2.693	-9.3	93	-0.01
84 T	1,2,4-Trimethylbenzene	2.722	3.055	-12.2	93	0.00
85 T	sec-Butylbenzene	3.299	3.594	-8.9	91	-0.01
86 T	p-Isopropyltoluene	3.146	2.710	13.9	72	0.00
87 T	1,3-Dichlorobenzene	1.551	1.393	10.2	77	-0.01
88 T	1,4-Dichlorobenzene	1.542	1.624	-5.3	91	0.00
89 T	n-Butylbenzene	2.902	3.026	-4.3	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.569	0.612	-7.6	93	0.00
91 T	1,2-Dichlorobenzene	1.335	1.530	-14.6	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.110	-7.8	102	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.142	-8.3	95	0.00
94 T	Hexachlorobutadiene	0.636	0.697	-9.6	94	0.00
95 T	Naphthalene	1.955	2.109	-7.9	97	0.00
96 T	1,2,3-Trichlorobenzene	0.894	0.979	-9.5	97	0.00

(#) = Out of Range

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