

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD072003.D
 Acq On : 16 Feb 2022 20:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 17 00:52:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	68	0.00
2 T	Dichlorodifluoromethane	0.593	0.551	7.1	66	0.00
3 P	Chloromethane	0.710	0.742	-4.5	75	0.00
4 C	Vinyl Chloride	0.743	0.853	-14.8#	79	0.00
5 T	Bromomethane	0.490	0.577	-17.8	85	0.00
6 T	Chloroethane	0.471	0.580	-23.1	85	0.00
7 T	Trichlorofluoromethane	1.065	1.080	-1.4	69	0.00
8 T	Diethyl Ether	0.281	0.312	-11.0	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.601	0.620	-3.2	70	0.00
10 T	Methyl Iodide	0.616	0.646	-4.9	64	0.00
11 T	Tert butyl alcohol	0.046	0.038	17.4	65	0.00
12 CM	1,1-Dichloroethene	0.549	0.561	-2.2#	66	0.00
13 T	Acrolein	0.056	0.045	19.6	59	0.00
14 T	Allyl chloride	1.047	1.194	-14.0	75	0.00
15 T	Acrylonitrile	0.143	0.176	-23.1	80	0.00
16 T	Acetone	0.173	0.175	-1.2	62	0.00
17 T	Carbon Disulfide	1.915	1.736	9.3	61	0.00
18 T	Methyl Acetate	0.374	0.413	-10.4	76	0.00
19 T	Methyl tert-butyl Ether	1.314	1.578	-20.1	76	0.00
20 T	Methylene Chloride	0.713	0.714	-0.1	73	0.00
21 T	trans-1,2-Dichloroethene	0.639	0.683	-6.9	70	0.00
22 T	Diisopropyl ether	2.052	2.571	-25.3#	79	0.00
23 T	Vinyl Acetate	1.132	1.475	-30.3#	78	0.00
24 P	1,1-Dichloroethane	1.196	1.394	-16.6	76	0.00
25 T	2-Butanone	0.202	0.240	-18.8	74	0.00
26 T	2,2-Dichloropropane	0.990	1.097	-10.8	73	0.00
27 T	cis-1,2-Dichloroethene	0.687	0.800	-16.4	76	0.00
28 T	Bromochloromethane	0.451	0.482	-6.9	69	0.00
29 T	Tetrahydrofuran	0.119	0.153	-28.6#	81	0.00
30 C	Chloroform	1.222	1.399	-14.5#	76	0.00
31 T	Cyclohexane	1.207	1.221	-1.2	70	0.00
32 T	1,1,1-Trichloroethane	1.078	1.206	-11.9	76	0.00
33 S	1,2-Dichloroethane-d4	0.632	0.701	-10.9	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.329	0.356	-8.2	77	0.00
36 T	1,1-Dichloropropene	0.564	0.599	-6.2	72	0.00
37 T	Ethyl Acetate	0.262	0.313	-19.5	80	0.00
38 T	Carbon Tetrachloride	0.558	0.593	-6.3	73	0.00
39 T	Methylcyclohexane	0.654	0.682	-4.3	70	0.00
40 TM	Benzene	1.523	1.680	-10.3	75	0.00
41 T	Methacrylonitrile	0.148	0.143	3.4	60	0.00
42 TM	1,2-Dichloroethane	0.481	0.556	-15.6	78	0.00
43 T	Isopropyl Acetate	0.471	0.589	-25.1#	82	0.00
44 TM	Trichloroethene	0.393	0.407	-3.6	72	0.00
45 C	1,2-Dichloropropane	0.393	0.450	-14.5#	78	0.00
46 T	Dibromomethane	0.206	0.241	-17.0	78	0.00
47 T	Bromodichloromethane	0.544	0.623	-14.5	77	0.00
48 T	Methyl methacrylate	0.249	0.302	-21.3	81	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	71	0.00
50 S	Toluene-d8	1.227	1.252	-2.0	71	0.00
51 T	4-Methyl-2-Pentanone	0.247	0.312	-26.3#	82	0.00
52 CM	Toluene	0.947	1.074	-13.4#	76	0.00
53 T	t-1,3-Dichloropropene	0.499	0.545	-9.2	71	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.635	-8.5	73	0.00
55 T	1,1,2-Trichloroethane	0.273	0.311	-13.9	77	0.00
56 T	Ethyl methacrylate	0.338	0.407	-20.4	76	0.00
57 T	1,3-Dichloropropane	0.487	0.572	-17.5	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.178	-11.9	72	0.00
59 T	2-Hexanone	0.179	0.214	-19.6	75	0.00
60 T	Dibromochloromethane	0.337	0.386	-14.5	76	0.00
61 T	1,2-Dibromoethane	0.263	0.298	-13.3	76	0.00
62 S	4-Bromofluorobenzene	0.429	0.469	-9.3	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.354	0.342	3.4	70	0.00
65 PM	Chlorobenzene	1.058	1.131	-6.9	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.427	-10.9	79	0.00
67 C	Ethyl Benzene	1.946	2.144	-10.2#	76	0.00
68 T	m/p-Xylenes	0.740	0.815	-10.1	76	0.00
69 T	o-Xylene	0.673	0.767	-14.0	78	0.00
70 T	Styrene	1.160	1.325	-14.2	78	0.00
71 P	Bromoform	0.205	0.227	-10.7	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.872	3.936	-1.7	77	0.00
74 T	N-amyl acetate	0.952	1.123	-18.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.716	0.747	-4.3	82	0.00
76 T	1,2,3-Trichloropropane	0.527	0.503	4.6	77	0.00
77 T	Bromobenzene	0.861	0.842	2.2	76	0.00
78 T	n-propylbenzene	4.855	4.992	-2.8	77	0.00
79 T	2-Chlorotoluene	2.751	2.786	-1.3	77	0.00
80 T	1,3,5-Trimethylbenzene	3.211	3.316	-3.3	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.181	15.4	64	0.00
82 T	4-Chlorotoluene	2.862	2.873	-0.4	77	0.00
83 T	tert-Butylbenzene	2.661	2.761	-3.8	78	0.00
84 T	1,2,4-Trimethylbenzene	3.159	3.316	-5.0	78	0.00
85 T	sec-Butylbenzene	4.164	4.295	-3.1	78	0.00
86 T	p-Isopropyltoluene	3.384	3.576	-5.7	78	0.00
87 T	1,3-Dichlorobenzene	1.749	1.756	-0.4	78	0.00
88 T	1,4-Dichlorobenzene	1.745	1.719	1.5	77	0.00
89 T	n-Butylbenzene	3.320	3.444	-3.7	78	0.00
90 T	Hexachloroethane	0.673	0.672	0.1	78	0.00
91 T	1,2-Dichlorobenzene	1.497	1.500	-0.2	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.119	0.115	3.4	75	0.00
93 T	1,2,4-Trichlorobenzene	0.874	0.856	2.1	75	0.00
94 T	Hexachlorobutadiene	0.477	0.452	5.2	76	0.00
95 T	Naphthalene	1.588	1.840	-15.9	82	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.755	-0.8	76	0.00

(#) = Out of Range

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