

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073717.D
 Acq On : 25 Jun 2022 18:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 09:41:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 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	82	0.00
2 T	Dichlorodifluoromethane	0.505	0.173	65.7#	33#	0.00
3 P	Chloromethane	0.457	0.209	54.3#	44#	0.00
4 C	Vinyl Chloride	0.450	0.170	62.2#	34#	0.00
5 T	Bromomethane	0.347	0.149	57.1#	42#	-0.02
6 T	Chloroethane	0.303	0.128	57.8#	37#	-0.01
7 T	Trichlorofluoromethane	1.053	0.364	65.4#	31#	0.00
8 T	Diethyl Ether	0.270	0.148	45.2#	48#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.239	60.4#	36#	0.00
10 T	Methyl Iodide	0.575	0.194	66.3#	28#	0.00
11 T	Tert butyl alcohol	0.137	0.057	58.4#	77	-0.02
12 CM	1,1-Dichloroethene	0.514	0.210	59.1#	35#	-0.01
13 T	Acrolein	0.010	0.005	50.0#	37#	0.00
14 T	Allyl chloride	0.758	0.354	53.3#	41#	-0.01
15 T	Acrylonitrile	0.129	0.077	40.3#	53	0.00
16 T	Acetone	0.108	0.062	42.6#	52	0.00
17 T	Carbon Disulfide	1.296	0.463	64.3#	32#	0.00
18 T	Methyl Acetate	0.335	0.212	36.7#	69	0.00
19 T	Methyl tert-butyl Ether	1.338	0.726	45.7#	46#	0.00
20 T	Methylene Chloride	0.789	0.380	51.8#	51	0.00
21 T	trans-1,2-Dichloroethene	0.611	0.274	55.2#	39#	0.00
22 T	Diisopropyl ether	1.701	0.993	41.6#	49#	0.00
23 T	Vinyl Acetate	0.892	0.508	43.0#	46#	0.00
24 P	1,1-Dichloroethane	1.133	0.556	50.9#	43#	0.00
25 T	2-Butanone	0.155	0.094	39.4#	55	0.00
26 T	2,2-Dichloropropane	1.067	0.414	61.2#	34#	0.00
27 T	cis-1,2-Dichloroethene	0.719	0.356	50.5#	42#	0.00
28 T	Bromochloromethane	0.400	0.217	45.8#	46#	0.00
29 T	Tetrahydrofuran	0.094	0.059	37.2#	55	0.00
30 C	Chloroform	1.275	0.613	51.9#	42#	0.00
31 T	Cyclohexane	0.921	0.335	63.6#	33#	0.00
32 T	1,1,1-Trichloroethane	1.145	0.484	57.7#	37#	0.00
33 S	1,2-Dichloroethane-d4	0.614	0.742	-20.8	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.390	0.423	-8.5	113	0.00
36 T	1,1-Dichloropropene	0.547	0.202	63.1#	36#	0.00
37 T	Ethyl Acetate	0.215	0.125	41.9#	57	0.00
38 T	Carbon Tetrachloride	0.637	0.219	65.6#	34#	0.00
39 T	Methylcyclohexane	0.607	0.197	67.5#	32#	0.00
40 TM	Benzene	1.583	0.688	56.5#	42#	0.00
41 T	Methacrylonitrile	0.130	0.070	46.2#	50	0.00
42 TM	1,2-Dichloroethane	0.477	0.222	53.5#	47#	0.00
43 T	Isopropyl Acetate	0.421	0.233	44.7#	54	0.00
44 TM	Trichloroethene	0.455	0.184	59.6#	40#	0.00
45 C	1,2-Dichloropropane	0.397	0.192	51.6#	47#	0.00
46 T	Dibromomethane	0.230	0.111	51.7#	49#	0.00
47 T	Bromodichloromethane	0.604	0.278	54.0#	45#	0.00
48 T	Methyl methacrylate	0.214	0.110	48.6#	49#	0.00

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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)
49 T	1,4-Dioxane	0.003	0.001	66.7#	49#	0.00
50 S	Toluene-d8	1.399	1.392	0.5	104	0.00
51 T	4-Methyl-2-Pentanone	0.216	0.126	41.7#	55	0.00
52 CM	Toluene	1.037	0.443	57.3#	41#	0.00
53 T	t-1,3-Dichloropropene	0.549	0.264	51.9#	47#	0.00
54 T	cis-1,3-Dichloropropene	0.625	0.304	51.4#	47#	0.00
55 T	1,1,2-Trichloroethane	0.325	0.171	47.4#	51	0.00
56 T	Ethyl methacrylate	0.366	0.203	44.5#	53	0.00
57 T	1,3-Dichloropropane	0.535	0.273	49.0#	50	0.00
58 T	2-Chloroethyl Vinyl ether	0.142	0.074	47.9#	51	0.00
59 T	2-Hexanone	0.146	0.087	40.4#	57	0.00
60 T	Dibromochloromethane	0.428	0.208	51.4#	47#	0.00
61 T	1,2-Dibromoethane	0.307	0.159	48.2#	50	0.00
62 S	4-Bromofluorobenzene	0.525	0.602	-14.7	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.396	0.146	63.1#	40#	0.00
65 PM	Chlorobenzene	1.224	0.517	57.8#	45#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.492	0.208	57.7#	46#	0.00
67 C	Ethyl Benzene	2.136	0.820	61.6#	40#	0.00
68 T	m/p-Xylenes	0.825	0.323	60.8#	41#	0.00
69 T	o-Xylene	0.765	0.322	57.9#	44#	0.00
70 T	Styrene	1.340	0.575	57.1#	45#	0.00
71 P	Bromoform	0.268	0.119	55.6#	49#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	4.083	1.497	63.3#	40#	0.00
74 T	N-amyl acetate	0.835	0.381	54.4#	51	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.371	51.8#	56	0.00
76 T	1,2,3-Trichloropropane	0.487	0.252	48.3#	63	0.00
77 T	Bromobenzene	0.982	0.399	59.4#	46#	0.00
78 T	n-propylbenzene	4.990	1.854	62.8#	41#	0.00
79 T	2-Chlorotoluene	2.907	1.127	61.2#	43#	0.00
80 T	1,3,5-Trimethylbenzene	3.500	1.338	61.8#	42#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.238	0.105	55.9#	50	0.00
82 T	4-Chlorotoluene	3.090	1.215	60.7#	44#	0.00
83 T	tert-Butylbenzene	3.077	1.100	64.3#	39#	0.00
84 T	1,2,4-Trimethylbenzene	3.438	1.349	60.8#	43#	0.00
85 T	sec-Butylbenzene	4.525	1.640	63.8#	41#	0.00
86 T	p-Isopropyltoluene	3.767	1.357	64.0#	40#	0.00
87 T	1,3-Dichlorobenzene	2.045	0.814	60.2#	46#	0.00
88 T	1,4-Dichlorobenzene	2.024	0.801	60.4#	46#	0.00
89 T	n-Butylbenzene	3.528	1.251	64.5#	39#	0.00
90 T	Hexachloroethane	0.777	0.291	62.5#	43#	0.00
91 T	1,2-Dichlorobenzene	1.759	0.749	57.4#	48#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.059	54.3#	58	0.00
93 T	1,2,4-Trichlorobenzene	1.051	0.438	58.3#	48#	0.00
94 T	Hexachlorobutadiene	0.596	0.204	65.8#	40#	0.00
95 T	Naphthalene	1.878	0.838	55.4#	49#	0.00

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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)
96 T	1,2,3-Trichlorobenzene	0.918	0.382	58.4#	47#	0.00

(#) = Out of Range

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