

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081722\  
 Data File : VD074119.D  
 Acq On : 17 Aug 2022 11:39  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleID :  
 VSTDCCC050

Quant Time: Aug 18 03:17:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081522S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 01:41:25 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	96	0.00
2 T	Dichlorodifluoromethane	0.473	0.328	30.7#	88	0.00
3 P	Chloromethane	0.557	0.396	28.9#	83	0.00
4 C	Vinyl Chloride	0.739	0.593	19.8#	86	0.00
5 T	Bromomethane	0.590	0.488	17.3	97	0.01
6 T	Chloroethane	0.626	0.533	14.9	92	0.00
7 T	Trichlorofluoromethane	1.033	0.831	19.6	99	0.00
8 T	Diethyl Ether	0.219	0.202	7.8	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.560	0.511	8.8	101	0.00
10 T	Methyl Iodide	0.489	0.497	-1.6	107	0.00
11 T	Tert butyl alcohol	0.032	0.027	15.6	94	0.00
12 CM	1,1-Dichloroethene	0.457	0.400	12.5#	98	0.00
13 T	Acrolein	0.028	0.025	10.7	100	0.00
14 T	Allyl chloride	0.581	0.543	6.5	94	0.00
15 T	Acrylonitrile	0.088	0.097	-10.2	108	0.00
16 T	Acetone	0.098	0.093	5.1	93	0.00
17 T	Carbon Disulfide	1.133	0.754	33.5#	78	0.01
18 T	Methyl Acetate	0.238	0.214	10.1	101	0.00
19 T	Methyl tert-butyl Ether	1.010	1.111	-10.0	105	0.00
20 T	Methylene Chloride	0.734	0.497	32.3#	90	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.461	8.0	94	0.00
22 T	Diisopropyl ether	1.258	1.398	-11.1	105	0.00
23 T	Vinyl Acetate	0.645	0.723	-12.1	102	0.00
24 P	1,1-Dichloroethane	0.870	0.891	-2.4	102	0.00
25 T	2-Butanone	0.128	0.128	0.0	101	0.00
26 T	2,2-Dichloropropane	0.902	0.925	-2.5	103	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.599	-1.4	103	0.00
28 T	Bromochloromethane	0.325	0.286	12.0	88	0.00
29 T	Tetrahydrofuran	0.070	0.075	-7.1	106	0.00
30 C	Chloroform	1.017	1.089	-7.1#	106	0.00
31 T	Cyclohexane	0.726	0.594	18.2	89	0.00
32 T	1,1,1-Trichloroethane	0.959	0.990	-3.2	101	0.00
33 S	1,2-Dichloroethane-d4	0.457	0.378	17.3	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.320	0.311	2.8	95	0.00
36 T	1,1-Dichloropropene	0.436	0.427	2.1	95	0.00
37 T	Ethyl Acetate	0.173	0.174	-0.6	97	0.00
38 T	Carbon Tetrachloride	0.503	0.547	-8.7	104	0.00
39 T	Methylcyclohexane	0.480	0.454	5.4	89	0.00
40 TM	Benzene	1.231	1.246	-1.2	100	0.00
41 T	Methacrylonitrile	0.087	0.095	-9.2	110	0.00
42 TM	1,2-Dichloroethane	0.372	0.391	-5.1	99	0.00
43 T	Isopropyl Acetate	0.317	0.356	-12.3	106	0.00
44 TM	Trichloroethene	0.361	0.368	-1.9	101	0.00
45 C	1,2-Dichloropropane	0.298	0.328	-10.1#	106	0.00
46 T	Dibromomethane	0.189	0.204	-7.9	104	0.00
47 T	Bromodichloromethane	0.486	0.535	-10.1	106	0.00
48 T	Methyl methacrylate	0.145	0.145	0.0	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	104	0.00
50 S	Toluene-d8	0.970	0.822	15.3	91	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.191	-17.9	109	0.00
52 CM	Toluene	0.805	0.877	-8.9#	103	0.00
53 T	t-1,3-Dichloropropene	0.414	0.464	-12.1	104	0.00
54 T	cis-1,3-Dichloropropene	0.479	0.531	-10.9	105	0.00
55 T	1,1,2-Trichloroethane	0.252	0.286	-13.5	107	0.00
56 T	Ethyl methacrylate	0.256	0.306	-19.5	107	0.00
57 T	1,3-Dichloropropane	0.399	0.441	-10.5	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.098	0.090	8.2	84	0.00
59 T	2-Hexanone	0.111	0.134	-20.7	107	0.00
60 T	Dibromochloromethane	0.340	0.383	-12.6	107	0.00
61 T	1,2-Dibromoethane	0.244	0.268	-9.8	105	0.00
62 S	4-Bromofluorobenzene	0.401	0.425	-6.0	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.316	0.325	-2.8	99	0.00
65 PM	Chlorobenzene	0.978	1.037	-6.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.432	-12.5	113	0.00
67 C	Ethyl Benzene	1.675	1.849	-10.4#	104	0.00
68 T	m/p-Xylenes	0.672	0.754	-12.2	105	0.00
69 T	o-Xylene	0.613	0.702	-14.5	105	0.00
70 T	Styrene	1.068	1.240	-16.1	108	0.00
71 P	Bromoform	0.201	0.243	-20.9	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.143	3.619	-15.1	106	0.00
74 T	N-amyl acetate	0.603	0.680	-12.8	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.575	0.667	-16.0	115	0.00
76 T	1,2,3-Trichloropropane	0.446	0.394	11.7	87	0.00
77 T	Bromobenzene	0.759	0.833	-9.7	107	0.00
78 T	n-propylbenzene	3.892	4.474	-15.0	108	0.00
79 T	2-Chlorotoluene	2.211	2.490	-12.6	109	0.00
80 T	1,3,5-Trimethylbenzene	2.683	3.076	-14.6	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.160	0.181	-13.1	115	0.00
82 T	4-Chlorotoluene	2.343	2.627	-12.1	108	0.00
83 T	tert-Butylbenzene	2.374	2.788	-17.4	94	0.00
84 T	1,2,4-Trimethylbenzene	2.757	3.131	-13.6	92	0.00
85 T	sec-Butylbenzene	3.648	4.238	-16.2	93	0.00
86 T	p-Isopropyltoluene	3.042	3.570	-17.4	93	0.00
87 T	1,3-Dichlorobenzene	1.658	1.817	-9.6	90	0.00
88 T	1,4-Dichlorobenzene	1.661	1.789	-7.7	88	0.00
89 T	n-Butylbenzene	2.915	3.310	-13.6	92	0.00
90 T	Hexachloroethane	0.637	0.680	-6.8	93	0.00
91 T	1,2-Dichlorobenzene	1.481	1.561	-5.4	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.105	-6.1	97	0.00
93 T	1,2,4-Trichlorobenzene	0.950	0.969	-2.0	79	0.00
94 T	Hexachlorobutadiene	0.569	0.556	2.3	75	0.00
95 T	Naphthalene	1.600	1.745	-9.1	85	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.840	0.830	1.2	77	0.00

(#) = Out of Range                      SPCC's out = 0    CCC's out = 6