

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076846.D
 Acq On : 28 Jul 2023 10:36
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 28 22:59:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 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	100	0.00
2 T	Dichlorodifluoromethane	0.391	0.382	2.3	98	0.00
3 P	Chloromethane	0.674	0.646	4.2	95	0.00
4 C	Vinyl Chloride	0.899	0.922	-2.6#	102	0.00
5 T	Bromomethane	0.740	0.729	1.5	104	0.00
6 T	Chloroethane	0.679	0.713	-5.0	104	0.00
7 T	Trichlorofluoromethane	0.800	0.871	-8.9	113	0.00
8 T	Diethyl Ether	0.275	0.290	-5.5	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.526	0.581	-10.5	112	0.00
10 T	Methyl Iodide	0.593	0.632	-6.6	99	0.00
11 T	Tert butyl alcohol	0.037	0.039	-5.4	103	0.02
12 CM	1,1-Dichloroethene	0.494	0.520	-5.3#	106	0.00
13 T	Acrolein	0.025	0.027	-8.0	118	0.00
14 T	Allyl chloride	0.649	0.701	-8.0	104	0.00
15 T	Acrylonitrile	0.135	0.144	-6.7	101	0.00
16 T	Acetone	0.119	0.126	-5.9	103	0.00
17 T	Carbon Disulfide	1.154	1.106	4.2	92	0.00
18 T	Methyl Acetate	0.447	0.494	-10.5	107	0.00
19 T	Methyl tert-butyl Ether	1.325	1.470	-10.9	105	0.00
20 T	Methylene Chloride	0.984	0.801	18.6	109	0.00
21 T	trans-1,2-Dichloroethene	0.574	0.617	-7.5	103	0.00
22 T	Diisopropyl ether	1.537	1.744	-13.5	108	-0.01
23 T	Vinyl Acetate	0.760	0.831	-9.3	102	0.00
24 P	1,1-Dichloroethane	1.036	1.183	-14.2	110	0.00
25 T	2-Butanone	0.159	0.174	-9.4	102	0.00
26 T	2,2-Dichloropropane	0.893	1.032	-15.6	116	0.00
27 T	cis-1,2-Dichloroethene	0.708	0.790	-11.6	108	0.00
28 T	Bromochloromethane	0.259	0.249	3.9	102	0.00
29 T	Tetrahydrofuran	0.094	0.102	-8.5	106	0.00
30 C	Chloroform	1.135	1.321	-16.4#	117	0.00
31 T	Cyclohexane	0.733	0.731	0.3	108	0.00
32 T	1,1,1-Trichloroethane	0.916	1.086	-18.6	117	0.00
33 S	1,2-Dichloroethane-d4	0.498	0.476	4.4	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.314	0.315	-0.3	106	0.00
36 T	1,1-Dichloropropene	0.411	0.461	-12.2	110	0.00
37 T	Ethyl Acetate	0.184	0.204	-10.9	100	0.00
38 T	Carbon Tetrachloride	0.393	0.478	-21.6	119	-0.01
39 T	Methylcyclohexane	0.474	0.512	-8.0	105	0.00
40 TM	Benzene	1.295	1.445	-11.6	110	0.00
41 T	Methacrylonitrile	0.112	0.122	-8.9	107	0.00
42 TM	1,2-Dichloroethane	0.337	0.381	-13.1	108	0.00
43 T	Isopropyl Acetate	0.358	0.398	-11.2	105	0.00
44 TM	Trichloroethene	0.353	0.386	-9.3	106	0.00
45 C	1,2-Dichloropropane	0.334	0.391	-17.1#	107	0.00
46 T	Dibromomethane	0.196	0.223	-13.8	104	0.00
47 T	Bromodichloromethane	0.491	0.566	-15.3	107	0.00
48 T	Methyl methacrylate	0.163	0.173	-6.1	96	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	0.003	0.003	0.0	98	0.00
50 S	Toluene-d8	1.124	1.039	7.6	97	0.00
51 T	4-Methyl-2-Pentanone	0.191	0.214	-12.0	102	0.00
52 CM	Toluene	0.851	0.942	-10.7#	105	0.00
53 T	t-1,3-Dichloropropene	0.456	0.527	-15.6	105	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.606	-12.8	104	0.00
55 T	1,1,2-Trichloroethane	0.286	0.327	-14.3	106	0.00
56 T	Ethyl methacrylate	0.330	0.380	-15.2	102	0.00
57 T	1,3-Dichloropropane	0.465	0.528	-13.5	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.128	0.119	7.0	91	0.00
59 T	2-Hexanone	0.136	0.150	-10.3	99	0.00
60 T	Dibromochloromethane	0.332	0.389	-17.2	108	0.00
61 T	1,2-Dibromoethane	0.265	0.298	-12.5	102	0.00
62 S	4-Bromofluorobenzene	0.364	0.350	3.8	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.285	0.332	-16.5	107	0.00
65 PM	Chlorobenzene	1.006	1.153	-14.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.449	-20.1	110	0.00
67 C	Ethyl Benzene	1.766	2.040	-15.5#	104	0.00
68 T	m/p-Xylenes	0.678	0.800	-18.0	107	0.00
69 T	o-Xylene	0.656	0.758	-15.5	103	0.00
70 T	Styrene	1.148	1.360	-18.5	105	0.00
71 P	Bromoform	0.205	0.247	-20.5	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.628	4.204	-15.9	106	0.00
74 T	N-amyl acetate	0.764	0.853	-11.6	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.779	0.864	-10.9	100	0.00
76 T	1,2,3-Trichloropropane	0.475	0.527	-10.9	99	0.00
77 T	Bromobenzene	0.837	0.957	-14.3	103	0.00
78 T	n-propylbenzene	4.398	5.146	-17.0	107	0.00
79 T	2-Chlorotoluene	2.411	2.773	-15.0	105	0.00
80 T	1,3,5-Trimethylbenzene	2.933	3.398	-15.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.266	-19.3	103	0.00
82 T	4-Chlorotoluene	2.519	2.874	-14.1	103	0.00
83 T	tert-Butylbenzene	2.583	3.106	-20.2	108	0.00
84 T	1,2,4-Trimethylbenzene	2.997	3.449	-15.1	103	0.00
85 T	sec-Butylbenzene	3.946	4.663	-18.2	108	0.00
86 T	p-Isopropyltoluene	3.259	3.844	-18.0	107	0.00
87 T	1,3-Dichlorobenzene	1.722	1.977	-14.8	104	0.00
88 T	1,4-Dichlorobenzene	1.687	1.977	-17.2	108	0.00
89 T	n-Butylbenzene	3.189	3.700	-16.0	107	0.00
90 T	Hexachloroethane	0.602	0.764	-26.9#	114	0.00
91 T	1,2-Dichlorobenzene	1.518	1.746	-15.0	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.119	-7.2	103	0.00
93 T	1,2,4-Trichlorobenzene	0.927	1.086	-17.2	107	0.00
94 T	Hexachlorobutadiene	0.446	0.506	-13.5	105	0.00
95 T	Naphthalene	2.006	2.321	-15.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.831	0.951	-14.4	105	0.00

(#) = Out of Range

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