

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076783.D
 Acq On : 19 Jul 2023 11:11
 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 20 04:56:41 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	96	0.00
2 T	Dichlorodifluoromethane	0.391	0.404	-3.3	99	0.00
3 P	Chloromethane	0.674	0.614	8.9	86	0.00
4 C	Vinyl Chloride	0.899	0.929	-3.3#	99	0.00
5 T	Bromomethane	0.740	0.746	-0.8	102	0.00
6 T	Chloroethane	0.679	0.694	-2.2	97	0.00
7 T	Trichlorofluoromethane	0.800	0.898	-12.2	111	0.00
8 T	Diethyl Ether	0.275	0.296	-7.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.526	0.587	-11.6	109	0.00
10 T	Methyl Iodide	0.593	0.625	-5.4	94	0.00
11 T	Tert butyl alcohol	0.037	0.037	0.0	95	0.01
12 CM	1,1-Dichloroethene	0.494	0.528	-6.9#	103	0.00
13 T	Acrolein	0.025	0.031	-24.0	128	0.00
14 T	Allyl chloride	0.649	0.658	-1.4	94	0.00
15 T	Acrylonitrile	0.135	0.138	-2.2	94	0.00
16 T	Acetone	0.119	0.129	-8.4	100	0.00
17 T	Carbon Disulfide	1.154	1.161	-0.6	93	0.00
18 T	Methyl Acetate	0.447	0.471	-5.4	97	0.00
19 T	Methyl tert-butyl Ether	1.325	1.408	-6.3	97	0.00
20 T	Methylene Chloride	0.984	0.755	23.3	99	0.00
21 T	trans-1,2-Dichloroethene	0.574	0.596	-3.8	96	0.00
22 T	Diisopropyl ether	1.537	1.687	-9.8	100	0.00
23 T	Vinyl Acetate	0.760	0.813	-7.0	96	0.00
24 P	1,1-Dichloroethane	1.036	1.126	-8.7	101	0.00
25 T	2-Butanone	0.159	0.172	-8.2	98	0.00
26 T	2,2-Dichloropropane	0.893	0.969	-8.5	104	0.00
27 T	cis-1,2-Dichloroethene	0.708	0.768	-8.5	101	0.00
28 T	Bromochloromethane	0.259	0.256	1.2	100	0.00
29 T	Tetrahydrofuran	0.094	0.099	-5.3	99	0.00
30 C	Chloroform	1.135	1.237	-9.0#	105	0.00
31 T	Cyclohexane	0.733	0.748	-2.0	106	0.00
32 T	1,1,1-Trichloroethane	0.916	1.037	-13.2	107	0.00
33 S	1,2-Dichloroethane-d4	0.498	0.480	3.6	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.314	0.316	-0.6	103	0.00
36 T	1,1-Dichloropropene	0.411	0.457	-11.2	106	0.00
37 T	Ethyl Acetate	0.184	0.201	-9.2	95	0.00
38 T	Carbon Tetrachloride	0.393	0.454	-15.5	110	0.00
39 T	Methylcyclohexane	0.474	0.520	-9.7	103	0.00
40 TM	Benzene	1.295	1.388	-7.2	102	0.00
41 T	Methacrylonitrile	0.112	0.101	9.8	86	0.00
42 TM	1,2-Dichloroethane	0.337	0.366	-8.6	100	0.00
43 T	Isopropyl Acetate	0.358	0.380	-6.1	97	0.00
44 TM	Trichloroethene	0.353	0.368	-4.2	98	0.00
45 C	1,2-Dichloropropane	0.334	0.363	-8.7#	96	0.00
46 T	Dibromomethane	0.196	0.208	-6.1	94	0.00
47 T	Bromodichloromethane	0.491	0.535	-9.0	98	0.00
48 T	Methyl methacrylate	0.163	0.166	-1.8	90	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	0.002	33.3#	87	0.00
50 S	Toluene-d8	1.124	1.073	4.5	97	0.00
51 T	4-Methyl-2-Pentanone	0.191	0.206	-7.9	95	0.00
52 CM	Toluene	0.851	0.906	-6.5#	97	0.00
53 T	t-1,3-Dichloropropene	0.456	0.493	-8.1	95	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.587	-9.3	98	0.00
55 T	1,1,2-Trichloroethane	0.286	0.304	-6.3	95	0.00
56 T	Ethyl methacrylate	0.330	0.356	-7.9	93	0.00
57 T	1,3-Dichloropropane	0.465	0.488	-4.9	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.128	0.123	3.9	90	0.00
59 T	2-Hexanone	0.136	0.148	-8.8	95	0.00
60 T	Dibromochloromethane	0.332	0.368	-10.8	99	0.00
61 T	1,2-Dibromoethane	0.265	0.280	-5.7	92	0.00
62 S	4-Bromofluorobenzene	0.364	0.354	2.7	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.285	0.310	-8.8	97	0.00
65 PM	Chlorobenzene	1.006	1.112	-10.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.417	-11.5	98	0.00
67 C	Ethyl Benzene	1.766	1.952	-10.5#	96	0.00
68 T	m/p-Xylenes	0.678	0.766	-13.0	98	0.00
69 T	o-Xylene	0.656	0.720	-9.8	95	0.00
70 T	Styrene	1.148	1.258	-9.6	94	0.00
71 P	Bromoform	0.205	0.231	-12.7	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.628	3.942	-8.7	97	0.00
74 T	N-amyl acetate	0.764	0.821	-7.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.779	0.807	-3.6	91	0.00
76 T	1,2,3-Trichloropropane	0.475	0.426	10.3	77	0.00
77 T	Bromobenzene	0.837	0.880	-5.1	92	0.00
78 T	n-propylbenzene	4.398	4.839	-10.0	98	0.00
79 T	2-Chlorotoluene	2.411	2.597	-7.7	95	0.00
80 T	1,3,5-Trimethylbenzene	2.933	3.186	-8.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.240	-7.6	91	0.00
82 T	4-Chlorotoluene	2.519	2.759	-9.5	96	0.00
83 T	tert-Butylbenzene	2.583	2.838	-9.9	96	0.00
84 T	1,2,4-Trimethylbenzene	2.997	3.232	-7.8	94	0.00
85 T	sec-Butylbenzene	3.946	4.399	-11.5	99	0.00
86 T	p-Isopropyltoluene	3.259	3.597	-10.4	97	0.00
87 T	1,3-Dichlorobenzene	1.722	1.828	-6.2	93	0.00
88 T	1,4-Dichlorobenzene	1.687	1.781	-5.6	94	0.00
89 T	n-Butylbenzene	3.189	3.456	-8.4	97	0.00
90 T	Hexachloroethane	0.602	0.695	-15.4	101	0.00
91 T	1,2-Dichlorobenzene	1.518	1.607	-5.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.110	0.9	92	0.00
93 T	1,2,4-Trichlorobenzene	0.927	1.000	-7.9	96	0.00
94 T	Hexachlorobutadiene	0.446	0.449	-0.7	91	0.00
95 T	Naphthalene	2.006	2.064	-2.9	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.831	0.893	-7.5	96	0.00

(#) = Out of Range

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