

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076743.D
 Acq On : 14 Jul 2023 16:35
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

Quant Time: Jul 17 08:08:36 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	103	0.00
2 T	Dichlorodifluoromethane	0.391	0.400	-2.3	105	0.00
3 P	Chloromethane	0.674	0.693	-2.8	104	0.00
4 C	Vinyl Chloride	0.899	0.900	-0.1#	102	0.00
5 T	Bromomethane	0.740	0.629	15.0	92	0.00
6 T	Chloroethane	0.679	0.674	0.7	101	0.00
7 T	Trichlorofluoromethane	0.800	0.810	-1.3	108	0.00
8 T	Diethyl Ether	0.275	0.290	-5.5	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.526	0.545	-3.6	108	0.00
10 T	Methyl Iodide	0.593	0.567	4.4	92	0.00
11 T	Tert butyl alcohol	0.037	0.040	-8.1	109	0.01
12 CM	1,1-Dichloroethene	0.494	0.488	1.2#	102	0.00
13 T	Acrolein	0.025	0.026	-4.0	114	0.00
14 T	Allyl chloride	0.649	0.649	0.0	99	-0.01
15 T	Acrylonitrile	0.135	0.140	-3.7	101	0.00
16 T	Acetone	0.119	0.122	-2.5	102	0.00
17 T	Carbon Disulfide	1.154	1.159	-0.4	99	0.00
18 T	Methyl Acetate	0.447	0.466	-4.3	103	0.00
19 T	Methyl tert-butyl Ether	1.325	1.390	-4.9	102	0.00
20 T	Methylene Chloride	0.984	0.741	24.7	104	0.00
21 T	trans-1,2-Dichloroethene	0.574	0.578	-0.7	99	0.00
22 T	Diisopropyl ether	1.537	1.591	-3.5	101	0.00
23 T	Vinyl Acetate	0.760	0.803	-5.7	102	0.00
24 P	1,1-Dichloroethane	1.036	1.047	-1.1	100	0.00
25 T	2-Butanone	0.159	0.170	-6.9	103	0.00
26 T	2,2-Dichloropropane	0.893	0.915	-2.5	105	0.00
27 T	cis-1,2-Dichloroethene	0.708	0.735	-3.8	104	0.00
28 T	Bromochloromethane	0.259	0.263	-1.5	110	-0.01
29 T	Tetrahydrofuran	0.094	0.100	-6.4	106	0.00
30 C	Chloroform	1.135	1.162	-2.4#	106	0.00
31 T	Cyclohexane	0.733	0.716	2.3	108	0.00
32 T	1,1,1-Trichloroethane	0.916	0.950	-3.7	105	0.00
33 S	1,2-Dichloroethane-d4	0.498	0.498	0.0	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.314	0.316	-0.6	111	0.00
36 T	1,1-Dichloropropene	0.411	0.429	-4.4	106	0.00
37 T	Ethyl Acetate	0.184	0.199	-8.2	102	0.00
38 T	Carbon Tetrachloride	0.393	0.422	-7.4	109	0.00
39 T	Methylcyclohexane	0.474	0.510	-7.6	109	0.00
40 TM	Benzene	1.295	1.323	-2.2	104	0.00
41 T	Methacrylonitrile	0.112	0.118	-5.4	107	0.00
42 TM	1,2-Dichloroethane	0.337	0.359	-6.5	106	0.00
43 T	Isopropyl Acetate	0.358	0.384	-7.3	105	0.00
44 TM	Trichloroethene	0.353	0.347	1.7	99	0.00
45 C	1,2-Dichloropropane	0.334	0.341	-2.1#	96	0.00
46 T	Dibromomethane	0.196	0.207	-5.6	100	0.00
47 T	Bromodichloromethane	0.491	0.503	-2.4	99	0.00
48 T	Methyl methacrylate	0.163	0.167	-2.5	97	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	103	0.00
50 S	Toluene-d8	1.124	1.089	3.1	105	0.00
51 T	4-Methyl-2-Pentanone	0.191	0.206	-7.9	101	0.00
52 CM	Toluene	0.851	0.877	-3.1#	101	0.00
53 T	t-1,3-Dichloropropene	0.456	0.484	-6.1	100	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.562	-4.7	100	0.00
55 T	1,1,2-Trichloroethane	0.286	0.299	-4.5	100	0.00
56 T	Ethyl methacrylate	0.330	0.354	-7.3	99	0.00
57 T	1,3-Dichloropropane	0.465	0.477	-2.6	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.128	0.129	-0.8	102	0.00
59 T	2-Hexanone	0.136	0.147	-8.1	101	0.00
60 T	Dibromochloromethane	0.332	0.347	-4.5	100	0.00
61 T	1,2-Dibromoethane	0.265	0.276	-4.2	98	0.00
62 S	4-Bromofluorobenzene	0.364	0.362	0.5	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.285	0.291	-2.1	101	0.00
65 PM	Chlorobenzene	1.006	1.038	-3.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.383	-2.4	100	0.00
67 C	Ethyl Benzene	1.766	1.805	-2.2#	99	0.00
68 T	m/p-Xylenes	0.678	0.700	-3.2	100	0.00
69 T	o-Xylene	0.656	0.674	-2.7	99	0.00
70 T	Styrene	1.148	1.193	-3.9	99	0.00
71 P	Bromoform	0.205	0.214	-4.4	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.628	3.642	-0.4	99	0.00
74 T	N-amyl acetate	0.764	0.789	-3.3	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.779	0.785	-0.8	98	0.00
76 T	1,2,3-Trichloropropane	0.475	0.504	-6.1	102	0.00
77 T	Bromobenzene	0.837	0.817	2.4	95	0.00
78 T	n-propylbenzene	4.398	4.494	-2.2	101	0.00
79 T	2-Chlorotoluene	2.411	2.465	-2.2	100	0.00
80 T	1,3,5-Trimethylbenzene	2.933	3.011	-2.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.233	-4.5	98	0.00
82 T	4-Chlorotoluene	2.519	2.562	-1.7	99	0.00
83 T	tert-Butylbenzene	2.583	2.634	-2.0	99	0.00
84 T	1,2,4-Trimethylbenzene	2.997	3.038	-1.4	98	0.00
85 T	sec-Butylbenzene	3.946	3.996	-1.3	100	0.00
86 T	p-Isopropyltoluene	3.259	3.307	-1.5	99	0.00
87 T	1,3-Dichlorobenzene	1.722	1.744	-1.3	99	0.00
88 T	1,4-Dichlorobenzene	1.687	1.702	-0.9	100	0.00
89 T	n-Butylbenzene	3.189	3.247	-1.8	101	0.00
90 T	Hexachloroethane	0.602	0.648	-7.6	104	0.00
91 T	1,2-Dichlorobenzene	1.518	1.510	0.5	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.107	3.6	100	0.00
93 T	1,2,4-Trichlorobenzene	0.927	0.939	-1.3	100	0.00
94 T	Hexachlorobutadiene	0.446	0.425	4.7	95	0.00
95 T	Naphthalene	2.006	2.039	-1.6	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.831	0.858	-3.2	102	0.00

(#) = Out of Range

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