

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061223\
 Data File : VD076395.D
 Acq On : 12 Jun 2023 15:48
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061223

Quant Time: Jun 13 02:06:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 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	88	0.00
2 T	Dichlorodifluoromethane	0.447	0.478	-6.9	97	0.00
3 P	Chloromethane	0.846	0.878	-3.8	95	0.00
4 C	Vinyl Chloride	0.809	0.896	-10.8#	98	0.00
5 T	Bromomethane	0.424	0.462	-9.0	100	0.00
6 T	Chloroethane	0.487	0.534	-9.7	97	0.00
7 T	Trichlorofluoromethane	0.814	0.892	-9.6	97	0.00
8 T	Diethyl Ether	0.293	0.302	-3.1	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.542	-10.6	96	0.00
10 T	Methyl Iodide	0.630	0.668	-6.0	91	0.00
11 T	Tert butyl alcohol	0.048	0.048	0.0	92	0.00
12 CM	1,1-Dichloroethene	0.499	0.532	-6.6#	96	0.00
13 T	Acrolein	0.055	0.049	10.9	87	0.00
14 T	Allyl chloride	0.976	0.993	-1.7	92	0.00
15 T	Acrylonitrile	0.149	0.150	-0.7	90	0.00
16 T	Acetone	0.127	0.150	-18.1	99	0.00
17 T	Carbon Disulfide	1.435	1.534	-6.9	94	0.00
18 T	Methyl Acetate	0.579	0.570	1.6	91	0.00
19 T	Methyl tert-butyl Ether	1.385	1.450	-4.7	94	0.00
20 T	Methylene Chloride	0.826	0.671	18.8	92	0.00
21 T	trans-1,2-Dichloroethene	0.580	0.599	-3.3	93	0.00
22 T	Diisopropyl ether	1.988	2.052	-3.2	93	0.00
23 T	Vinyl Acetate	0.854	0.874	-2.3	91	0.00
24 P	1,1-Dichloroethane	1.105	1.156	-4.6	93	0.00
25 T	2-Butanone	0.199	0.210	-5.5	94	0.00
26 T	2,2-Dichloropropane	0.995	1.037	-4.2	95	0.00
27 T	cis-1,2-Dichloroethene	0.691	0.718	-3.9	94	0.00
28 T	Bromochloromethane	0.343	0.313	8.7	89	0.00
29 T	Tetrahydrofuran	0.127	0.131	-3.1	93	0.00
30 C	Chloroform	1.101	1.141	-3.6#	94	0.00
31 T	Cyclohexane	0.924	0.967	-4.7	95	0.00
32 T	1,1,1-Trichloroethane	0.940	1.018	-8.3	96	0.00
33 S	1,2-Dichloroethane-d4	0.578	0.564	2.4	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.323	0.332	-2.8	90	0.00
36 T	1,1-Dichloropropene	0.472	0.507	-7.4	95	0.00
37 T	Ethyl Acetate	0.248	0.262	-5.6	91	0.00
38 T	Carbon Tetrachloride	0.438	0.491	-12.1	98	0.00
39 T	Methylcyclohexane	0.543	0.608	-12.0	97	0.00
40 TM	Benzene	1.371	1.445	-5.4	93	0.00
41 T	Methacrylonitrile	0.159	0.138	13.2	90	0.00
42 TM	1,2-Dichloroethane	0.408	0.413	-1.2	90	0.00
43 T	Isopropyl Acetate	0.520	0.542	-4.2	93	0.00
44 TM	Trichloroethene	0.372	0.402	-8.1	94	0.00
45 C	1,2-Dichloropropane	0.364	0.387	-6.3#	94	0.00
46 T	Dibromomethane	0.201	0.208	-3.5	93	0.00
47 T	Bromodichloromethane	0.498	0.524	-5.2	94	0.00
48 T	Methyl methacrylate	0.249	0.256	-2.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	97	0.00
50 S	Toluene-d8	1.225	1.228	-0.2	90	0.00
51 T	4-Methyl-2-Pentanone	0.258	0.270	-4.7	93	0.00
52 CM	Toluene	0.867	0.912	-5.2#	93	0.00
53 T	t-1,3-Dichloropropene	0.510	0.538	-5.5	93	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.613	-4.6	93	0.00
55 T	1,1,2-Trichloroethane	0.269	0.282	-4.8	94	0.00
56 T	Ethyl methacrylate	0.373	0.391	-4.8	91	0.00
57 T	1,3-Dichloropropane	0.467	0.490	-4.9	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.147	3.3	92	0.00
59 T	2-Hexanone	0.181	0.195	-7.7	95	0.00
60 T	Dibromochloromethane	0.332	0.354	-6.6	95	0.00
61 T	1,2-Dibromoethane	0.261	0.272	-4.2	92	0.00
62 S	4-Bromofluorobenzene	0.420	0.438	-4.3	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.343	0.369	-7.6	94	0.00
65 PM	Chlorobenzene	1.036	1.104	-6.6	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.410	-5.7	93	0.00
67 C	Ethyl Benzene	1.909	2.053	-7.5#	95	0.00
68 T	m/p-Xylenes	0.722	0.774	-7.2	94	0.00
69 T	o-Xylene	0.694	0.742	-6.9	94	0.00
70 T	Styrene	1.184	1.260	-6.4	93	0.00
71 P	Bromoform	0.226	0.242	-7.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.781	4.135	-9.4	96	0.00
74 T	N-amyl acetate	1.153	1.233	-6.9	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.747	0.780	-4.4	93	0.00
76 T	1,2,3-Trichloropropane	0.467	0.445	4.7	91	0.00
77 T	Bromobenzene	0.892	0.956	-7.2	94	0.00
78 T	n-propylbenzene	4.609	5.068	-10.0	96	0.00
79 T	2-Chlorotoluene	2.608	2.796	-7.2	94	0.00
80 T	1,3,5-Trimethylbenzene	3.156	3.418	-8.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.261	0.261	0.0	91	0.00
82 T	4-Chlorotoluene	2.731	2.953	-8.1	96	0.00
83 T	tert-Butylbenzene	2.708	2.951	-9.0	94	0.00
84 T	1,2,4-Trimethylbenzene	3.118	3.392	-8.8	95	0.00
85 T	sec-Butylbenzene	3.986	4.408	-10.6	97	0.00
86 T	p-Isopropyltoluene	3.357	3.736	-11.3	97	0.00
87 T	1,3-Dichlorobenzene	1.727	1.889	-9.4	96	0.00
88 T	1,4-Dichlorobenzene	1.706	1.857	-8.9	95	0.00
89 T	n-Butylbenzene	3.225	3.616	-12.1	98	0.00
90 T	Hexachloroethane	0.619	0.682	-10.2	96	0.00
91 T	1,2-Dichlorobenzene	1.519	1.633	-7.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.123	0.122	0.8	90	0.00
93 T	1,2,4-Trichlorobenzene	1.016	1.117	-9.9	97	0.00
94 T	Hexachlorobutadiene	0.511	0.574	-12.3	98	0.00
95 T	Naphthalene	2.041	2.172	-6.4	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.878	0.965	-9.9	97	0.00

(#) = Out of Range

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