

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100522\
 Data File : VD074457.D
 Acq On : 05 Oct 2022 17:09
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100522

Quant Time: Oct 06 09:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 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	101	0.00
2 T	Dichlorodifluoromethane	0.441	0.461	-4.5	94	0.00
3 P	Chloromethane	0.609	0.567	6.9	95	0.00
4 C	Vinyl Chloride	0.528	0.574	-8.7#	101	0.00
5 T	Bromomethane	0.309	0.368	-19.1	123	0.00
6 T	Chloroethane	0.348	0.372	-6.9	102	0.00
7 T	Trichlorofluoromethane	0.865	0.837	3.2	91	0.00
8 T	Diethyl Ether	0.268	0.282	-5.2	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.559	0.542	3.0	93	0.00
10 T	Methyl Iodide	0.603	0.738	-22.4	104	0.00
11 T	Tert butyl alcohol	0.069	0.040	42.0#	92	0.00
12 CM	1,1-Dichloroethene	0.589	0.579	1.7#	94	0.00
13 T	Acrolein	0.029	0.028	3.4	87	0.00
14 T	Allyl chloride	0.675	0.684	-1.3	95	0.01
15 T	Acrylonitrile	0.106	0.114	-7.5	99	0.00
16 T	Acetone	0.098	0.118	-20.4	95	0.00
17 T	Carbon Disulfide	1.860	1.826	1.8	93	0.00
18 T	Methyl Acetate	0.270	0.267	1.1	97	0.00
19 T	Methyl tert-butyl Ether	1.161	1.205	-3.8	98	0.00
20 T	Methylene Chloride	0.830	0.710	14.5	105	0.00
21 T	trans-1,2-Dichloroethene	0.652	0.648	0.6	97	0.00
22 T	Diisopropyl ether	1.375	1.440	-4.7	99	0.00
23 T	Vinyl Acetate	0.632	0.652	-3.2	91	0.00
24 P	1,1-Dichloroethane	0.998	0.989	0.9	96	0.01
25 T	2-Butanone	0.127	0.141	-11.0	96	0.00
26 T	2,2-Dichloropropane	0.881	0.876	0.6	99	0.00
27 T	cis-1,2-Dichloroethene	0.689	0.721	-4.6	105	0.00
28 T	Bromochloromethane	0.295	0.299	-1.4	96	0.00
29 T	Tetrahydrofuran	0.071	0.080	-12.7	105	0.00
30 C	Chloroform	1.031	1.061	-2.9#	104	0.00
31 T	Cyclohexane	0.892	0.833	6.6	95	0.00
32 T	1,1,1-Trichloroethane	0.911	0.927	-1.8	103	0.00
33 S	1,2-Dichloroethane-d4	0.444	0.463	-4.3	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.330	0.296	10.3	98	0.00
36 T	1,1-Dichloropropene	0.463	0.461	0.4	101	0.00
37 T	Ethyl Acetate	0.152	0.166	-9.2	103	0.00
38 T	Carbon Tetrachloride	0.410	0.414	-1.0	99	0.00
39 T	Methylcyclohexane	0.567	0.559	1.4	94	0.00
40 TM	Benzene	1.344	1.384	-3.0	103	0.00
41 T	Methacrylonitrile	0.083	0.087	-4.8	119	0.00
42 TM	1,2-Dichloroethane	0.318	0.333	-4.7	104	0.00
43 T	Isopropyl Acetate	0.290	0.298	-2.8	100	0.00
44 TM	Trichloroethene	0.378	0.381	-0.8	103	0.00
45 C	1,2-Dichloropropane	0.312	0.319	-2.2#	103	0.00
46 T	Dibromomethane	0.173	0.188	-8.7	104	0.00
47 T	Bromodichloromethane	0.432	0.449	-3.9	104	0.00
48 T	Methyl methacrylate	0.135	0.148	-9.6	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50 S	Toluene-d8	1.123	1.228	-9.3	98	0.00
51 T	4-Methyl-2-Pentanone	0.144	0.158	-9.7	102	0.00
52 CM	Toluene	0.850	0.914	-7.5#	104	0.00
53 T	t-1,3-Dichloropropene	0.394	0.413	-4.8	101	0.00
54 T	cis-1,3-Dichloropropene	0.485	0.516	-6.4	103	0.00
55 T	1,1,2-Trichloroethane	0.243	0.252	-3.7	104	0.00
56 T	Ethyl methacrylate	0.273	0.310	-13.6	104	0.00
57 T	1,3-Dichloropropane	0.392	0.417	-6.4	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.054	0.047	13.0	78	0.00
59 T	2-Hexanone	0.099	0.115	-16.2	101	0.00
60 T	Dibromochloromethane	0.283	0.303	-7.1	106	0.00
61 T	1,2-Dibromoethane	0.225	0.238	-5.8	102	0.00
62 S	4-Bromofluorobenzene	0.421	0.355	15.7	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.347	0.331	4.6	99	0.00
65 PM	Chlorobenzene	0.999	1.035	-3.6	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.336	0.352	-4.8	105	0.00
67 C	Ethyl Benzene	1.801	1.883	-4.6#	103	0.00
68 T	m/p-Xylenes	0.708	0.741	-4.7	101	0.00
69 T	o-Xylene	0.650	0.693	-6.6	106	0.00
70 T	Styrene	1.114	1.205	-8.2	103	0.00
71 P	Bromoform	0.177	0.188	-6.2	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.677	3.760	-2.3	102	0.00
74 T	N-amyl acetate	0.629	0.651	-3.5	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.611	0.614	-0.5	100	0.00
76 T	1,2,3-Trichloropropane	0.384	0.735	-91.4#	213#	0.00
77 T	Bromobenzene	0.836	0.830	0.7	103	0.00
78 T	n-propylbenzene	4.492	4.568	-1.7	101	0.00
79 T	2-Chlorotoluene	2.393	2.449	-2.3	103	0.00
80 T	1,3,5-Trimethylbenzene	3.038	3.088	-1.6	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.172	0.175	-1.7	95	0.00
82 T	4-Chlorotoluene	2.443	2.535	-3.8	103	0.00
83 T	tert-Butylbenzene	2.614	2.658	-1.7	100	0.00
84 T	1,2,4-Trimethylbenzene	2.985	3.104	-4.0	103	0.00
85 T	sec-Butylbenzene	4.027	4.081	-1.3	100	0.00
86 T	p-Isopropyltoluene	3.322	3.416	-2.8	102	0.00
87 T	1,3-Dichlorobenzene	1.692	1.749	-3.4	103	0.00
88 T	1,4-Dichlorobenzene	1.684	1.707	-1.4	103	0.00
89 T	n-Butylbenzene	3.111	3.221	-3.5	102	0.00
90 T	Hexachloroethane	0.589	0.592	-0.5	101	0.00
91 T	1,2-Dichlorobenzene	1.439	1.485	-3.2	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.090	0.0	107	0.00
93 T	1,2,4-Trichlorobenzene	0.934	0.950	-1.7	104	0.00
94 T	Hexachlorobutadiene	0.487	0.466	4.3	99	0.00
95 T	Naphthalene	1.782	1.884	-5.7	105	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.809	0.819	-1.2	104	0.00

(#) = Out of Range

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