

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075659.D
 Acq On : 13 Apr 2023 14:26
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041323

Quant Time: Apr 14 01:33:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 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	107	0.00
2 T	Dichlorodifluoromethane	0.465	0.452	2.8	108	0.00
3 P	Chloromethane	0.839	0.823	1.9	109	0.00
4 C	Vinyl Chloride	1.113	1.089	2.2#	108	0.00
5 T	Bromomethane	0.869	0.743	14.5	96	0.00
6 T	Chloroethane	0.749	0.707	5.6	105	0.00
7 T	Trichlorofluoromethane	0.863	0.847	1.9	109	0.00
8 T	Diethyl Ether	0.268	0.272	-1.5	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.541	0.533	1.5	109	0.00
10 T	Methyl Iodide	0.740	0.683	7.7	95	0.00
11 T	Tert butyl alcohol	0.024	0.025	-4.2	118	0.00
12 CM	1,1-Dichloroethene	0.560	0.553	1.3#	107	0.00
13 T	Acrolein	0.048	0.047	2.1	107	0.00
14 T	Allyl chloride	0.510	0.504	1.2	105	0.00
15 T	Acrylonitrile	0.100	0.102	-2.0	110	0.00
16 T	Acetone	0.087	0.089	-2.3	102	0.00
17 T	Carbon Disulfide	1.833	1.760	4.0	106	0.00
18 T	Methyl Acetate	0.293	0.293	0.0	109	0.00
19 T	Methyl tert-butyl Ether	1.087	1.132	-4.1	109	-0.01
20 T	Methylene Chloride	0.800	0.657	17.9	104	0.00
21 T	trans-1,2-Dichloroethene	0.667	0.647	3.0	104	0.00
22 T	Diisopropyl ether	1.153	1.173	-1.7	106	0.00
23 T	Vinyl Acetate	0.535	0.585	-9.3	110	0.00
24 P	1,1-Dichloroethane	0.955	0.922	3.5	105	0.00
25 T	2-Butanone	0.112	0.115	-2.7	107	0.00
26 T	2,2-Dichloropropane	0.866	0.834	3.7	108	0.00
27 T	cis-1,2-Dichloroethene	0.739	0.723	2.2	105	0.00
28 T	Bromochloromethane	0.302	0.283	6.3	105	0.00
29 T	Tetrahydrofuran	0.061	0.066	-8.2	112	0.00
30 C	Chloroform	1.083	1.035	4.4#	105	0.00
31 T	Cyclohexane	0.745	0.711	4.6	106	0.00
32 T	1,1,1-Trichloroethane	0.883	0.866	1.9	105	0.00
33 S	1,2-Dichloroethane-d4	0.475	0.446	6.1	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.336	0.325	3.3	105	0.00
36 T	1,1-Dichloropropene	0.464	0.460	0.9	104	0.00
37 T	Ethyl Acetate	0.141	0.143	-1.4	111	0.00
38 T	Carbon Tetrachloride	0.409	0.429	-4.9	110	0.00
39 T	Methylcyclohexane	0.536	0.575	-7.3	108	0.00
40 TM	Benzene	1.442	1.445	-0.2	107	0.00
41 T	Methacrylonitrile	0.068	0.069	-1.5	116	0.00
42 TM	1,2-Dichloroethane	0.328	0.328	0.0	105	0.00
43 T	Isopropyl Acetate	0.257	0.269	-4.7	108	0.00
44 TM	Trichloroethene	0.408	0.407	0.2	106	0.00
45 C	1,2-Dichloropropane	0.323	0.320	0.9#	106	0.00
46 T	Dibromomethane	0.205	0.203	1.0	105	0.00
47 T	Bromodichloromethane	0.469	0.473	-0.9	107	0.00
48 T	Methyl methacrylate	0.115	0.125	-8.7	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	100	0.00
50 S	Toluene-d8	1.347	1.315	2.4	93	0.00
51 T	4-Methyl-2-Pentanone	0.137	0.144	-5.1	99	0.00
52 CM	Toluene	0.959	0.951	0.8#	94	0.00
53 T	t-1,3-Dichloropropene	0.450	0.444	1.3	97	0.00
54 T	cis-1,3-Dichloropropene	0.534	0.539	-0.9	97	0.00
55 T	1,1,2-Trichloroethane	0.297	0.285	4.0	96	0.00
56 T	Ethyl methacrylate	0.292	0.313	-7.2	98	0.00
57 T	1,3-Dichloropropane	0.451	0.444	1.6	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.134	-7.2	101	0.00
59 T	2-Hexanone	0.097	0.105	-8.2	102	0.00
60 T	Dibromochloromethane	0.347	0.338	2.6	97	0.00
61 T	1,2-Dibromoethane	0.283	0.276	2.5	97	0.00
62 S	4-Bromofluorobenzene	0.358	0.375	-4.7	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64 T	Tetrachloroethene	0.360	0.349	3.1	89	0.00
65 PM	Chlorobenzene	1.071	1.082	-1.0	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.372	-1.1	106	0.00
67 C	Ethyl Benzene	1.738	1.867	-7.4#	106	0.00
68 T	m/p-Xylenes	0.712	0.765	-7.4	106	0.00
69 T	o-Xylene	0.644	0.715	-11.0	106	0.00
70 T	Styrene	1.097	1.233	-12.4	106	0.00
71 P	Bromoform	0.192	0.209	-8.9	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.281	3.494	-6.5	106	0.00
74 T	N-amyl acetate	0.482	0.526	-9.1	112	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.650	-2.0	110	0.00
76 T	1,2,3-Trichloropropane	0.408	0.357	12.5	106	0.00
77 T	Bromobenzene	0.846	0.854	-0.9	108	0.00
78 T	n-propylbenzene	4.022	4.234	-5.3	106	0.00
79 T	2-Chlorotoluene	2.281	2.255	1.1	105	0.00
80 T	1,3,5-Trimethylbenzene	2.736	2.857	-4.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.188	0.202	-7.4	108	0.00
82 T	4-Chlorotoluene	2.372	2.395	-1.0	107	0.00
83 T	tert-Butylbenzene	2.307	2.450	-6.2	107	0.00
84 T	1,2,4-Trimethylbenzene	2.745	2.883	-5.0	105	0.00
85 T	sec-Butylbenzene	3.558	3.752	-5.5	106	0.00
86 T	p-Isopropyltoluene	2.962	3.145	-6.2	106	0.00
87 T	1,3-Dichlorobenzene	1.760	1.763	-0.2	105	0.00
88 T	1,4-Dichlorobenzene	1.739	1.726	0.7	106	0.00
89 T	n-Butylbenzene	2.729	2.834	-3.8	105	0.00
90 T	Hexachloroethane	0.589	0.584	0.8	108	0.00
91 T	1,2-Dichlorobenzene	1.508	1.530	-1.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.082	3.5	106	0.00
93 T	1,2,4-Trichlorobenzene	0.877	0.871	0.7	110	0.00
94 T	Hexachlorobutadiene	0.419	0.386	7.9	106	0.00
95 T	Naphthalene	1.662	1.737	-4.5	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.772	0.765	0.9	112	0.00

(#) = Out of Range

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