

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031424\  
 Data File : VD078665.D  
 Acq On : 14 Mar 2024 13:49  
 Operator : RP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 05:47:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 15 05:38:03 2024  
 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	104	0.00
2 T	Dichlorodifluoromethane	0.465	0.462	0.6	109	0.00
3 P	Chloromethane	0.735	0.762	-3.7	113	0.00
4 C	Vinyl Chloride	1.084	1.140	-5.2#	113	0.00
5 T	Bromomethane	1.038	1.013	2.4	115	0.00
6 T	Chloroethane	0.845	0.892	-5.6	116	0.00
7 T	Trichlorofluoromethane	0.858	0.827	3.6	106	0.00
8 T	Diethyl Ether	0.250	0.249	0.4	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.500	7.1	103	0.00
10 T	Methyl Iodide	0.637	0.690	-8.3	114	0.00
11 T	Tert butyl alcohol	0.021	0.024	-14.3	116	0.00
12 CM	1,1-Dichloroethene	0.512	0.492	3.9#	103	0.00
13 T	Acrolein	0.033	0.026	21.2	98	0.00
14 T	Allyl chloride	0.571	0.591	-3.5	114	0.00
15 T	Acrylonitrile	0.101	0.104	-3.0	106	0.00
16 T	Acetone	0.091	0.093	-2.2	106	0.00
17 T	Carbon Disulfide	1.677	1.675	0.1	108	0.00
18 T	Methyl Acetate	0.194	0.211	-8.8	108	0.00
19 T	Methyl tert-butyl Ether	1.032	1.126	-9.1	115	0.00
20 T	Methylene Chloride	0.769	0.642	16.5	110	-0.01
21 T	trans-1,2-Dichloroethene	0.604	0.624	-3.3	111	0.00
22 T	Diisopropyl ether	1.298	1.384	-6.6	112	0.00
23 T	Vinyl Acetate	0.759	0.818	-7.8	111	0.00
24 P	1,1-Dichloroethane	0.973	0.982	-0.9	111	0.00
25 T	2-Butanone	0.120	0.119	0.8	107	-0.01
26 T	2,2-Dichloropropane	0.823	0.833	-1.2	110	0.00
27 T	cis-1,2-Dichloroethene	0.689	0.713	-3.5	113	0.00
28 T	Bromochloromethane	0.347	0.341	1.7	91	0.00
29 T	Tetrahydrofuran	0.066	0.069	-4.5	106	0.00
30 C	Chloroform	1.085	1.082	0.3#	111	0.00
31 T	Cyclohexane	0.788	0.746	5.3	106	0.00
32 T	1,1,1-Trichloroethane	0.920	0.907	1.4	110	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.463	1.3	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.322	0.309	4.0	107	0.00
36 T	1,1-Dichloropropene	0.467	0.464	0.6	109	0.00
37 T	Ethyl Acetate	0.153	0.159	-3.9	116	0.00
38 T	Carbon Tetrachloride	0.492	0.479	2.6	110	0.00
39 T	Methylcyclohexane	0.542	0.540	0.4	106	0.00
40 TM	Benzene	1.412	1.419	-0.5	112	0.00
41 T	Methacrylonitrile	0.080	0.094	-17.5	134	0.00
42 TM	1,2-Dichloroethane	0.344	0.356	-3.5	113	0.00
43 T	Isopropyl Acetate	0.278	0.290	-4.3	111	0.00
44 TM	Trichloroethene	0.383	0.377	1.6	111	0.00
45 C	1,2-Dichloropropane	0.335	0.336	-0.3#	111	0.00
46 T	Dibromomethane	0.201	0.199	1.0	110	0.00
47 T	Bromodichloromethane	0.478	0.489	-2.3	116	0.00
48 T	Methyl methacrylate	0.135	0.130	3.7	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	111	0.00
50 S	Toluene-d8	1.184	1.208	-2.0	111	0.00
51 T	4-Methyl-2-Pentanone	0.145	0.151	-4.1	109	0.00
52 CM	Toluene	0.909	0.946	-4.1#	112	0.00
53 T	t-1,3-Dichloropropene	0.437	0.451	-3.2	114	0.00
54 T	cis-1,3-Dichloropropene	0.525	0.545	-3.8	114	0.00
55 T	1,1,2-Trichloroethane	0.269	0.272	-1.1	113	0.00
56 T	Ethyl methacrylate	0.270	0.296	-9.6	113	0.00
57 T	1,3-Dichloropropane	0.434	0.452	-4.1	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.113	5.0	97	0.00
59 T	2-Hexanone	0.108	0.114	-5.6	110	0.00
60 T	Dibromochloromethane	0.332	0.342	-3.0	113	0.00
61 T	1,2-Dibromoethane	0.260	0.260	0.0	109	0.00
62 S	4-Bromofluorobenzene	0.346	0.354	-2.3	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.331	0.333	-0.6	108	0.00
65 PM	Chlorobenzene	1.045	1.083	-3.6	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.383	0.394	-2.9	113	0.00
67 C	Ethyl Benzene	1.780	1.903	-6.9#	114	0.00
68 T	m/p-Xylenes	0.723	0.764	-5.7	113	0.00
69 T	o-Xylene	0.669	0.723	-8.1	115	0.00
70 T	Styrene	1.123	1.249	-11.2	116	0.00
71 P	Bromoform	0.207	0.211	-1.9	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.292	3.359	-2.0	111	0.00
74 T	N-amyl acetate	0.534	0.561	-5.1	112	0.00
75 P	1,1,2,2-Tetrachloroethane	0.609	0.602	1.1	108	0.00
76 T	1,2,3-Trichloropropane	0.385	0.380	1.3	111	0.00
77 T	Bromobenzene	0.816	0.849	-4.0	114	0.00
78 T	n-propylbenzene	4.007	4.175	-4.2	112	0.00
79 T	2-Chlorotoluene	2.198	2.259	-2.8	115	0.00
80 T	1,3,5-Trimethylbenzene	2.722	2.830	-4.0	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.184	0.193	-4.9	113	0.00
82 T	4-Chlorotoluene	2.325	2.361	-1.5	113	0.00
83 T	tert-Butylbenzene	2.347	2.478	-5.6	113	0.00
84 T	1,2,4-Trimethylbenzene	2.743	2.908	-6.0	113	0.00
85 T	sec-Butylbenzene	3.552	3.670	-3.3	110	0.00
86 T	p-Isopropyltoluene	3.041	3.192	-5.0	112	0.00
87 T	1,3-Dichlorobenzene	1.723	1.760	-2.1	113	0.00
88 T	1,4-Dichlorobenzene	1.698	1.746	-2.8	115	0.00
89 T	n-Butylbenzene	2.746	2.886	-5.1	113	0.00
90 T	Hexachloroethane	0.629	0.611	2.9	109	0.00
91 T	1,2-Dichlorobenzene	1.484	1.507	-1.5	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.085	-3.7	118	0.00
93 T	1,2,4-Trichlorobenzene	0.866	0.904	-4.4	119	0.00
94 T	Hexachlorobutadiene	0.469	0.478	-1.9	118	0.00
95 T	Naphthalene	1.506	1.633	-8.4	116	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	0.749	0.786	-4.9	113	0.00

(#) = Out of Range

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