

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078113.D
 Acq On : 29 Dec 2023 17:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 29 22:38:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 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	96	0.00
2 T	Dichlorodifluoromethane	0.429	0.321	25.2#	80	0.00
3 P	Chloromethane	0.591	0.513	13.2	84	0.00
4 C	Vinyl Chloride	0.891	0.741	16.8#	78	0.00
5 T	Bromomethane	0.714	0.547	23.4	78	0.00
6 T	Chloroethane	0.655	0.581	11.3	86	0.00
7 T	Trichlorofluoromethane	0.857	0.715	16.6	82	0.00
8 T	Diethyl Ether	0.235	0.233	0.9	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.534	0.429	19.7	80	-0.01
10 T	Methyl Iodide	0.502	0.482	4.0	84	0.00
11 T	Tert butyl alcohol	0.026	0.022	15.4	93	0.01
12 CM	1,1-Dichloroethene	0.473	0.404	14.6#	83	0.00
13 T	Acrolein	0.023	0.017	26.1#	92	0.00
14 T	Allyl chloride	0.571	0.499	12.6	89	0.00
15 T	Acrylonitrile	0.098	0.098	0.0	97	0.00
16 T	Acetone	0.114	0.076	33.3#	85	0.00
17 T	Carbon Disulfide	1.168	1.051	10.0	82	0.00
18 T	Methyl Acetate	0.365	0.411	-12.6	103	-0.01
19 T	Methyl tert-butyl Ether	1.046	1.072	-2.5	98	0.00
20 T	Methylene Chloride	0.632	0.529	16.3	90	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.503	7.4	89	-0.01
22 T	Diisopropyl ether	1.276	1.215	4.8	90	0.00
23 T	Vinyl Acetate	0.488	0.454	7.0	91	0.00
24 P	1,1-Dichloroethane	0.944	0.860	8.9	90	0.00
25 T	2-Butanone	0.136	0.111	18.4	93	0.00
26 T	2,2-Dichloropropane	0.848	0.664	21.7	77	-0.01
27 T	cis-1,2-Dichloroethene	0.644	0.603	6.4	90	0.00
28 T	Bromochloromethane	0.338	0.342	-1.2	91	0.00
29 T	Tetrahydrofuran	0.069	0.068	1.4	101	0.00
30 C	Chloroform	1.023	0.959	6.3#	90	0.00
31 T	Cyclohexane	0.710	0.567	20.1	77	0.00
32 T	1,1,1-Trichloroethane	0.879	0.780	11.3	85	0.00
33 S	1,2-Dichloroethane-d4	0.445	0.446	-0.2	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.322	0.323	-0.3	108	0.00
36 T	1,1-Dichloropropene	0.453	0.397	12.4	82	0.00
37 T	Ethyl Acetate	0.151	0.136	9.9	89	0.00
38 T	Carbon Tetrachloride	0.491	0.432	12.0	85	0.00
39 T	Methylcyclohexane	0.519	0.442	14.8	81	0.00
40 TM	Benzene	1.305	1.227	6.0	88	0.00
41 T	Methacrylonitrile	0.095	0.089	6.3	93	0.00
42 TM	1,2-Dichloroethane	0.353	0.337	4.5	90	0.00
43 T	Isopropyl Acetate	0.301	0.302	-0.3	97	0.00
44 TM	Trichloroethene	0.375	0.357	4.8	91	0.00
45 C	1,2-Dichloropropane	0.331	0.307	7.3#	87	0.00
46 T	Dibromomethane	0.185	0.186	-0.5	93	0.00
47 T	Bromodichloromethane	0.481	0.461	4.2	93	0.00
48 T	Methyl methacrylate	0.170	0.169	0.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	91	0.00
50 S	Toluene-d8	1.132	1.168	-3.2	105	0.00
51 T	4-Methyl-2-Pentanone	0.155	0.154	0.6	96	0.00
52 CM	Toluene	0.846	0.815	3.7#	90	0.00
53 T	t-1,3-Dichloropropene	0.436	0.425	2.5	91	0.00
54 T	cis-1,3-Dichloropropene	0.524	0.504	3.8	91	0.00
55 T	1,1,2-Trichloroethane	0.261	0.261	0.0	95	0.00
56 T	Ethyl methacrylate	0.207	0.221	-6.8	99	0.00
57 T	1,3-Dichloropropane	0.428	0.430	-0.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.090	0.120	-33.3#	104	0.00
59 T	2-Hexanone	0.120	0.111	7.5	96	0.00
60 T	Dibromochloromethane	0.332	0.346	-4.2	97	0.00
61 T	1,2-Dibromoethane	0.250	0.258	-3.2	98	0.00
62 S	4-Bromofluorobenzene	0.364	0.381	-4.7	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.338	0.308	8.9	94	0.00
65 PM	Chlorobenzene	1.062	0.982	7.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.382	5.0	97	0.00
67 C	Ethyl Benzene	1.852	1.685	9.0#	91	0.00
68 T	m/p-Xylenes	0.721	0.659	8.6	90	0.00
69 T	o-Xylene	0.672	0.621	7.6	92	0.00
70 T	Styrene	0.992	0.965	2.7	93	0.00
71 P	Bromoform	0.222	0.229	-3.2	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.444	3.045	11.6	90	0.00
74 T	N-amyl acetate	0.572	0.531	7.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.626	0.590	5.8	98	0.00
76 T	1,2,3-Trichloropropane	0.422	0.379	10.2	91	0.00
77 T	Bromobenzene	0.838	0.809	3.5	99	0.00
78 T	n-propylbenzene	4.145	3.588	13.4	89	0.00
79 T	2-Chlorotoluene	2.242	1.979	11.7	91	0.00
80 T	1,3,5-Trimethylbenzene	2.848	2.548	10.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.196	0.175	10.7	95	0.00
82 T	4-Chlorotoluene	2.404	2.100	12.6	88	0.00
83 T	tert-Butylbenzene	2.552	2.295	10.1	92	0.00
84 T	1,2,4-Trimethylbenzene	2.901	2.632	9.3	92	0.00
85 T	sec-Butylbenzene	3.643	3.169	13.0	88	0.00
86 T	p-Isopropyltoluene	3.260	2.906	10.9	92	0.00
87 T	1,3-Dichlorobenzene	1.733	1.585	8.5	93	0.00
88 T	1,4-Dichlorobenzene	1.700	1.528	10.1	91	0.00
89 T	n-Butylbenzene	2.992	2.544	15.0	87	0.00
90 T	Hexachloroethane	0.652	0.560	14.1	88	0.00
91 T	1,2-Dichlorobenzene	1.489	1.353	9.1	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.086	2.3	100	0.00
93 T	1,2,4-Trichlorobenzene	0.972	0.909	6.5	98	0.00
94 T	Hexachlorobutadiene	0.546	0.482	11.7	93	0.00
95 T	Naphthalene	1.655	1.764	-6.6	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.825	0.831	-0.7	104	0.00

(#) = Out of Range

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