

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078624.D
 Acq On : 11 Mar 2024 09:59
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:34:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 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	93	0.00
2 T	Dichlorodifluoromethane	0.449	0.356	20.7	85	0.00
3 P	Chloromethane	0.808	0.659	18.4	83	0.00
4 C	Vinyl Chloride	1.229	1.029	16.3#	83	0.00
5 T	Bromomethane	0.982	0.803	18.2	86	0.00
6 T	Chloroethane	0.911	0.802	12.0	88	0.00
7 T	Trichlorofluoromethane	0.831	0.743	10.6	91	0.00
8 T	Diethyl Ether	0.233	0.211	9.4	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.461	12.0	90	0.00
10 T	Methyl Iodide	0.548	0.506	7.7	84	0.00
11 T	Tert butyl alcohol	0.026	0.020	23.1	89	0.01
12 CM	1,1-Dichloroethene	0.489	0.437	10.6#	87	0.00
13 T	Acrolein	0.049	0.039	20.4	73	0.00
14 T	Allyl chloride	0.557	0.495	11.1	86	0.00
15 T	Acrylonitrile	0.096	0.089	7.3	93	0.00
16 T	Acetone	0.095	0.109	-14.7	118	0.00
17 T	Carbon Disulfide	1.629	1.379	15.3	84	0.00
18 T	Methyl Acetate	0.180	0.190	-5.6	92	0.00
19 T	Methyl tert-butyl Ether	0.994	0.912	8.2	89	0.00
20 T	Methylene Chloride	0.952	0.562	41.0#	79	0.00
21 T	trans-1,2-Dichloroethene	0.588	0.534	9.2	88	0.00
22 T	Diisopropyl ether	1.249	1.175	5.9	89	0.00
23 T	Vinyl Acetate	0.742	0.690	7.0	89	0.00
24 P	1,1-Dichloroethane	0.943	0.856	9.2	88	0.00
25 T	2-Butanone	0.120	0.127	-5.8	108	0.00
26 T	2,2-Dichloropropane	0.797	0.734	7.9	91	0.00
27 T	cis-1,2-Dichloroethene	0.643	0.604	6.1	91	0.00
28 T	Bromochloromethane	0.352	0.299	15.1	76	0.00
29 T	Tetrahydrofuran	0.067	0.061	9.0	89	0.00
30 C	Chloroform	1.019	0.955	6.3#	92	0.00
31 T	Cyclohexane	0.776	0.654	15.7	85	0.00
32 T	1,1,1-Trichloroethane	0.874	0.803	8.1	90	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.423	14.7	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.325	0.290	10.8	86	0.00
36 T	1,1-Dichloropropene	0.450	0.423	6.0	87	0.00
37 T	Ethyl Acetate	0.146	0.148	-1.4	94	0.00
38 T	Carbon Tetrachloride	0.471	0.463	1.7	94	0.00
39 T	Methylcyclohexane	0.528	0.484	8.3	80	0.00
40 TM	Benzene	1.334	1.291	3.2	90	0.00
41 T	Methacrylonitrile	0.078	0.072	7.7	83	0.00
42 TM	1,2-Dichloroethane	0.338	0.320	5.3	91	0.00
43 T	Isopropyl Acetate	0.280	0.252	10.0	90	0.00
44 TM	Trichloroethene	0.366	0.340	7.1	90	0.00
45 C	1,2-Dichloropropane	0.320	0.312	2.5#	91	0.00
46 T	Dibromomethane	0.185	0.182	1.6	93	0.00
47 T	Bromodichloromethane	0.456	0.449	1.5	94	0.00
48 T	Methyl methacrylate	0.127	0.126	0.8	96	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	99	0.00
50 S	Toluene-d8	1.264	1.144	9.5	85	0.00
51 T	4-Methyl-2-Pentanone	0.144	0.143	0.7	94	0.00
52 CM	Toluene	0.856	0.849	0.8#	89	0.00
53 T	t-1,3-Dichloropropene	0.421	0.415	1.4	94	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.496	1.8	93	0.00
55 T	1,1,2-Trichloroethane	0.260	0.252	3.1	95	0.00
56 T	Ethyl methacrylate	0.261	0.261	0.0	93	0.00
57 T	1,3-Dichloropropane	0.422	0.412	2.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.118	0.136	-15.3	116	0.00
59 T	2-Hexanone	0.107	0.119	-11.2	107	0.00
60 T	Dibromochloromethane	0.314	0.314	0.0	94	0.00
61 T	1,2-Dibromoethane	0.239	0.236	1.3	94	0.00
62 S	4-Bromofluorobenzene	0.361	0.338	6.4	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.315	0.299	5.1	89	0.00
65 PM	Chlorobenzene	0.985	0.941	4.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.358	2.5	97	0.00
67 C	Ethyl Benzene	1.706	1.642	3.8#	89	0.00
68 T	m/p-Xylenes	0.690	0.685	0.7	90	0.00
69 T	o-Xylene	0.626	0.627	-0.2	92	0.00
70 T	Styrene	1.085	1.089	-0.4	90	0.00
71 P	Bromoform	0.195	0.194	0.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.170	3.006	5.2	89	0.00
74 T	N-amyl acetate	0.533	0.473	11.3	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.607	0.539	11.2	94	0.00
76 T	1,2,3-Trichloropropane	0.382	0.350	8.4	96	0.00
77 T	Bromobenzene	0.767	0.722	5.9	92	0.00
78 T	n-propylbenzene	3.877	3.687	4.9	90	0.00
79 T	2-Chlorotoluene	2.080	1.971	5.2	90	0.00
80 T	1,3,5-Trimethylbenzene	2.579	2.553	1.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.166	6.7	98	0.00
82 T	4-Chlorotoluene	2.217	2.110	4.8	91	0.00
83 T	tert-Butylbenzene	2.221	2.202	0.9	88	0.00
84 T	1,2,4-Trimethylbenzene	2.636	2.594	1.6	90	0.00
85 T	sec-Butylbenzene	3.464	3.336	3.7	88	0.00
86 T	p-Isopropyltoluene	2.916	2.858	2.0	88	0.00
87 T	1,3-Dichlorobenzene	1.638	1.560	4.8	92	0.00
88 T	1,4-Dichlorobenzene	1.641	1.576	4.0	96	0.00
89 T	n-Butylbenzene	2.726	2.599	4.7	87	0.00
90 T	Hexachloroethane	0.593	0.567	4.4	91	0.00
91 T	1,2-Dichlorobenzene	1.391	1.331	4.3	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.076	6.2	104	0.01
93 T	1,2,4-Trichlorobenzene	0.824	0.791	4.0	92	0.00
94 T	Hexachlorobutadiene	0.453	0.417	7.9	87	0.00
95 T	Naphthalene	1.456	1.388	4.7	93	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	0.732	0.684	6.6	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6