

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078199.D
 Acq On : 22 Jan 2024 19:05
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012224

Quant Time: Jan 23 05:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 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	98	0.00
2 T	Dichlorodifluoromethane	0.576	0.472	18.1	96	0.00
3 P	Chloromethane	0.929	0.836	10.0	99	0.00
4 C	Vinyl Chloride	1.186	1.095	7.7#	95	0.00
5 T	Bromomethane	0.865	0.781	9.7	101	0.00
6 T	Chloroethane	0.828	0.778	6.0	94	0.00
7 T	Trichlorofluoromethane	1.078	0.985	8.6	97	0.00
8 T	Diethyl Ether	0.299	0.303	-1.3	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.625	0.588	5.9	97	0.00
10 T	Methyl Iodide	0.626	0.655	-4.6	95	0.00
11 T	Tert butyl alcohol	0.028	0.029	-3.6	104	0.00
12 CM	1,1-Dichloroethene	0.619	0.583	5.8#	101	0.00
13 T	Acrolein	0.065	0.067	-3.1	98	0.00
14 T	Allyl chloride	0.816	0.814	0.2	101	0.00
15 T	Acrylonitrile	0.134	0.141	-5.2	104	0.00
16 T	Acetone	0.170	0.129	24.1	97	0.00
17 T	Carbon Disulfide	2.006	1.889	5.8	96	0.00
18 T	Methyl Acetate	0.491	0.527	-7.3	102	0.00
19 T	Methyl tert-butyl Ether	1.290	1.342	-4.0	103	0.00
20 T	Methylene Chloride	0.837	0.722	13.7	102	0.00
21 T	trans-1,2-Dichloroethene	0.715	0.704	1.5	101	0.00
22 T	Diisopropyl ether	1.727	1.825	-5.7	103	0.00
23 T	Vinyl Acetate	0.851	0.887	-4.2	101	0.00
24 P	1,1-Dichloroethane	1.193	1.171	1.8	99	0.00
25 T	2-Butanone	0.201	0.167	16.9	98	0.00
26 T	2,2-Dichloropropane	1.000	0.974	2.6	98	0.00
27 T	cis-1,2-Dichloroethene	0.768	0.779	-1.4	102	0.00
28 T	Bromochloromethane	0.465	0.475	-2.2	100	0.00
29 T	Tetrahydrofuran	0.094	0.101	-7.4	103	0.00
30 C	Chloroform	1.214	1.221	-0.6#	101	0.00
31 T	Cyclohexane	1.055	0.956	9.4	94	0.00
32 T	1,1,1-Trichloroethane	1.048	1.001	4.5	95	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.548	4.0	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.329	0.306	7.0	92	0.00
36 T	1,1-Dichloropropene	0.541	0.513	5.2	98	0.00
37 T	Ethyl Acetate	0.201	0.186	7.5	99	0.00
38 T	Carbon Tetrachloride	0.534	0.486	9.0	95	0.00
39 T	Methylcyclohexane	0.640	0.604	5.6	94	0.00
40 TM	Benzene	1.536	1.522	0.9	102	0.00
41 T	Methacrylonitrile	0.111	0.098	11.7	87	0.00
42 TM	1,2-Dichloroethane	0.400	0.394	1.5	100	0.00
43 T	Isopropyl Acetate	0.369	0.357	3.3	99	0.00
44 TM	Trichloroethene	0.393	0.378	3.8	102	0.00
45 C	1,2-Dichloropropane	0.381	0.379	0.5#	102	0.00
46 T	Dibromomethane	0.209	0.207	1.0	105	0.00
47 T	Bromodichloromethane	0.526	0.512	2.7	100	0.00
48 T	Methyl methacrylate	0.214	0.218	-1.9	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.303	1.247	4.3	94	0.00
51 T	4-Methyl-2-Pentanone	0.194	0.191	1.5	99	0.00
52 CM	Toluene	0.973	0.961	1.2#	101	0.00
53 T	t-1,3-Dichloropropene	0.485	0.491	-1.2	103	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.590	-1.5	102	0.00
55 T	1,1,2-Trichloroethane	0.280	0.278	0.7	102	0.00
56 T	Ethyl methacrylate	0.229	0.240	-4.8	102	0.00
57 T	1,3-Dichloropropane	0.479	0.465	2.9	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.137	0.127	7.3	89	0.00
59 T	2-Hexanone	0.158	0.139	12.0	98	0.00
60 T	Dibromochloromethane	0.330	0.330	0.0	102	0.00
61 T	1,2-Dibromoethane	0.258	0.264	-2.3	102	0.00
62 S	4-Bromofluorobenzene	0.378	0.363	4.0	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.327	0.318	2.8	100	0.00
65 PM	Chlorobenzene	1.105	1.090	1.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.395	0.403	-2.0	102	0.00
67 C	Ethyl Benzene	2.010	2.026	-0.8#	100	0.00
68 T	m/p-Xylenes	0.768	0.776	-1.0	101	0.00
69 T	o-Xylene	0.697	0.703	-0.9	98	0.00
70 T	Styrene	1.044	1.080	-3.4	101	0.00
71 P	Bromoform	0.195	0.192	1.5	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.931	3.963	-0.8	99	0.00
74 T	N-amyl acetate	0.752	0.772	-2.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.717	2.0	97	0.00
76 T	1,2,3-Trichloropropane	0.480	0.518	-7.9	106	0.00
77 T	Bromobenzene	0.862	0.872	-1.2	99	0.00
78 T	n-propylbenzene	4.876	4.890	-0.3	98	0.00
79 T	2-Chlorotoluene	2.602	2.650	-1.8	102	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.327	-2.1	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.236	-5.8	104	0.00
82 T	4-Chlorotoluene	2.743	2.753	-0.4	101	0.00
83 T	tert-Butylbenzene	2.725	2.737	-0.4	98	0.00
84 T	1,2,4-Trimethylbenzene	3.297	3.370	-2.2	100	0.00
85 T	sec-Butylbenzene	4.126	4.085	1.0	98	0.00
86 T	p-Isopropyltoluene	3.591	3.662	-2.0	100	0.00
87 T	1,3-Dichlorobenzene	1.785	1.819	-1.9	102	0.00
88 T	1,4-Dichlorobenzene	1.763	1.743	1.1	100	0.00
89 T	n-Butylbenzene	3.495	3.494	0.0	98	0.00
90 T	Hexachloroethane	0.704	0.699	0.7	100	0.00
91 T	1,2-Dichlorobenzene	1.501	1.521	-1.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.101	3.8	100	0.00
93 T	1,2,4-Trichlorobenzene	0.928	0.921	0.8	99	0.00
94 T	Hexachlorobutadiene	0.448	0.439	2.0	96	0.00
95 T	Naphthalene	1.734	1.867	-7.7	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.803	-3.2	101	0.00

(#) = Out of Range

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