

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079394.D
 Acq On : 22 Jul 2024 18:25
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072224

Quant Time: Jul 23 10:08:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 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	0.453	0.402	11.3	94	0.00
3 P	Chloromethane	0.458	0.491	-7.2	97	0.00
4 C	Vinyl Chloride	0.517	0.432	16.4#	67	0.00
5 T	Bromomethane	0.398	0.334	16.1	78	0.00
6 T	Chloroethane	0.254	0.226	11.0	75	0.00
7 T	Trichlorofluoromethane	0.893	0.839	6.0	92	0.00
8 T	Diethyl Ether	0.289	0.254	12.1	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.615	0.574	6.7	90	0.00
10 T	Methyl Iodide	0.667	0.598	10.3	88	0.00
11 T	Tert butyl alcohol	0.035	0.030	14.3	79	0.00
12 CM	1,1-Dichloroethene	0.583	0.524	10.1#	88	0.00
13 T	Acrolein	0.028	0.017	39.3#	67	0.00
14 T	Allyl chloride	0.691	0.540	21.9	68	0.00
15 T	Acrylonitrile	0.140	0.122	12.9	79	0.00
16 T	Acetone	0.100	0.077	23.0	59	0.00
17 T	Carbon Disulfide	1.697	1.503	11.4	84	0.00
18 T	Methyl Acetate	0.331	0.277	16.3	75	0.00
19 T	Methyl tert-butyl Ether	1.318	1.218	7.6	83	0.00
20 T	Methylene Chloride	1.386	0.814	41.3#	81	0.00
21 T	trans-1,2-Dichloroethene	0.653	0.620	5.1	92	0.00
22 T	Diisopropyl ether	1.726	1.718	0.5	91	0.00
23 T	Vinyl Acetate	1.337	1.318	1.4	88	0.00
24 P	1,1-Dichloroethane	1.189	1.107	6.9	92	0.00
25 T	2-Butanone	0.171	0.154	9.9	85	0.00
26 T	2,2-Dichloropropane	0.991	0.911	8.1	92	0.00
27 T	cis-1,2-Dichloroethene	0.755	0.725	4.0	92	0.00
28 T	Bromochloromethane	0.483	0.425	12.0	84	0.00
29 T	Tetrahydrofuran	0.103	0.100	2.9	88	0.00
30 C	Chloroform	1.239	1.184	4.4#	94	0.00
31 T	Cyclohexane	0.913	0.833	8.8	94	0.00
32 T	1,1,1-Trichloroethane	1.017	0.983	3.3	96	0.00
33 S	1,2-Dichloroethane-d4	0.568	0.548	3.5	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.348	0.352	-1.1	89	0.00
36 T	1,1-Dichloropropene	0.467	0.479	-2.6	94	0.00
37 T	Ethyl Acetate	0.203	0.205	-1.0	84	0.00
38 T	Carbon Tetrachloride	0.493	0.501	-1.6	95	0.00
39 T	Methylcyclohexane	0.537	0.561	-4.5	91	0.00
40 TM	Benzene	1.470	1.477	-0.5	92	0.00
41 T	Methacrylonitrile	0.111	0.097	12.6	81	0.00
42 TM	1,2-Dichloroethane	0.366	0.364	0.5	93	0.00
43 T	Isopropyl Acetate	0.372	0.380	-2.2	87	0.00
44 TM	Trichloroethene	0.355	0.343	3.4	91	0.00
45 C	1,2-Dichloropropane	0.366	0.374	-2.2#	94	0.00
46 T	Dibromomethane	0.214	0.217	-1.4	94	0.00
47 T	Bromodichloromethane	0.528	0.537	-1.7	93	0.00
48 T	Methyl methacrylate	0.168	0.172	-2.4	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	97	0.00
50 S	Toluene-d8	1.315	1.377	-4.7	90	0.00
51 T	4-Methyl-2-Pentanone	0.201	0.213	-6.0	89	0.00
52 CM	Toluene	0.920	0.944	-2.6#	93	0.00
53 T	t-1,3-Dichloropropene	0.478	0.474	0.8	90	0.00
54 T	cis-1,3-Dichloropropene	0.559	0.563	-0.7	90	0.00
55 T	1,1,2-Trichloroethane	0.286	0.293	-2.4	93	0.00
56 T	Ethyl methacrylate	0.344	0.360	-4.7	89	0.00
57 T	1,3-Dichloropropane	0.471	0.486	-3.2	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.153	0.171	-11.8	92	0.00
59 T	2-Hexanone	0.143	0.149	-4.2	87	0.00
60 T	Dibromochloromethane	0.367	0.371	-1.1	91	0.00
61 T	1,2-Dibromoethane	0.265	0.269	-1.5	91	0.00
62 S	4-Bromofluorobenzene	0.402	0.426	-6.0	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.316	0.313	0.9	97	0.00
65 PM	Chlorobenzene	1.098	1.090	0.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.379	-1.6	94	0.00
67 C	Ethyl Benzene	1.820	1.899	-4.3#	94	0.00
68 T	m/p-Xylenes	0.706	0.740	-4.8	93	0.00
69 T	o-Xylene	0.656	0.672	-2.4	90	0.00
70 T	Styrene	1.165	1.239	-6.4	92	0.00
71 P	Bromoform	0.219	0.222	-1.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.487	3.640	-4.4	97	0.00
74 T	N-amyl acetate	0.793	0.793	0.0	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.734	4.1	92	0.00
76 T	1,2,3-Trichloropropane	0.514	0.531	-3.3	115	0.00
77 T	Bromobenzene	0.847	0.800	5.5	91	0.00
78 T	n-propylbenzene	4.385	4.433	-1.1	94	0.00
79 T	2-Chlorotoluene	2.501	2.506	-0.2	96	0.00
80 T	1,3,5-Trimethylbenzene	2.924	2.987	-2.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.265	0.244	7.9	86	0.00
82 T	4-Chlorotoluene	2.670	2.591	3.0	94	0.00
83 T	tert-Butylbenzene	2.488	2.503	-0.6	95	0.00
84 T	1,2,4-Trimethylbenzene	2.968	3.055	-2.9	95	0.00
85 T	sec-Butylbenzene	3.882	3.915	-0.9	97	0.00
86 T	p-Isopropyltoluene	3.181	3.247	-2.1	95	0.00
87 T	1,3-Dichlorobenzene	1.766	1.705	3.5	95	0.00
88 T	1,4-Dichlorobenzene	1.765	1.694	4.0	96	0.00
89 T	n-Butylbenzene	3.109	3.162	-1.7	95	0.00
90 T	Hexachloroethane	0.714	0.683	4.3	97	0.00
91 T	1,2-Dichlorobenzene	1.528	1.499	1.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.104	1.9	94	0.00
93 T	1,2,4-Trichlorobenzene	0.878	0.832	5.2	90	0.00
94 T	Hexachlorobutadiene	0.491	0.464	5.5	94	0.00
95 T	Naphthalene	1.764	1.751	0.7	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.797	0.761	4.5	90	0.00

(#) = Out of Range

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