

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009304.D
 Acq On : 23 Jun 2022 19:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 24 09:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 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	80	0.00
2 T	Dichlorodifluoromethane	0.366	0.294	19.7	74	0.00
3 P	Chloromethane	0.450	0.389	13.6	74	0.00
4 C	Vinyl Chloride	0.499	0.468	6.2#	79	0.00
5 T	Bromomethane	0.348	0.263	24.4	66	0.00
6 T	Chloroethane	0.332	0.246	25.9#	64	0.00
7 T	Trichlorofluoromethane	0.793	0.658	17.0	74	0.00
8 T	Diethyl Ether	0.291	0.201	30.9#	58	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.459	8.9	78	0.00
10 T	Methyl Iodide	0.616	0.563	8.6	71	0.00
11 T	Tert butyl alcohol	0.103	0.066	35.9#	86	0.00
12 CM	1,1-Dichloroethene	0.479	0.419	12.5#	76	0.00
13 T	Acrolein	0.023	0.025	-8.7	72	0.00
14 T	Allyl chloride	0.860	0.846	1.6	81	0.00
15 T	Acrylonitrile	0.162	0.170	-4.9	86	0.00
16 T	Acetone	0.136	0.125	8.1	85	0.00
17 T	Carbon Disulfide	1.331	1.057	20.6	67	0.00
18 T	Methyl Acetate	0.466	0.399	14.4	88	0.00
19 T	Methyl tert-butyl Ether	1.440	1.494	-3.8	83	0.00
20 T	Methylene Chloride	0.898	0.568	36.7#	71	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.533	6.2	76	0.00
22 T	Diisopropyl ether	1.809	2.037	-12.6	88	0.00
23 T	Vinyl Acetate	1.111	1.308	-17.7	88	0.00
24 P	1,1-Dichloroethane	1.024	1.062	-3.7	83	0.00
25 T	2-Butanone	0.219	0.232	-5.9	89	0.00
26 T	2,2-Dichloropropane	0.963	0.897	6.9	79	0.00
27 T	cis-1,2-Dichloroethene	0.666	0.677	-1.7	80	0.00
28 T	Bromochloromethane	0.442	0.502	-13.6	89	0.00
29 T	Tetrahydrofuran	0.139	0.156	-12.2	90	0.00
30 C	Chloroform	1.054	1.086	-3.0#	82	0.00
31 T	Cyclohexane	0.953	0.860	9.8	74	0.00
32 T	1,1,1-Trichloroethane	0.920	0.930	-1.1	81	0.00
33 S	1,2-Dichloroethane-d4	0.549	0.570	-3.8	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.324	0.339	-4.6	85	0.00
36 T	1,1-Dichloropropene	0.493	0.479	2.8	80	0.00
37 T	Ethyl Acetate	0.298	0.314	-5.4	90	0.00
38 T	Carbon Tetrachloride	0.512	0.512	0.0	83	0.00
39 T	Methylcyclohexane	0.605	0.572	5.5	77	0.00
40 TM	Benzene	1.458	1.462	-0.3	81	0.00
41 T	Methacrylonitrile	0.165	0.190	-15.2	89	0.01
42 TM	1,2-Dichloroethane	0.418	0.434	-3.8	86	0.00
43 T	Isopropyl Acetate	0.546	0.595	-9.0	92	0.00
44 TM	Trichloroethene	0.411	0.399	2.9	79	0.00
45 C	1,2-Dichloropropane	0.376	0.390	-3.7#	83	0.00
46 T	Dibromomethane	0.214	0.217	-1.4	84	0.00
47 T	Bromodichloromethane	0.507	0.523	-3.2	84	0.00
48 T	Methyl methacrylate	0.239	0.258	-7.9	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	91	0.00
50 S	Toluene-d8	1.244	1.279	-2.8	85	0.00
51 T	4-Methyl-2-Pentanone	0.284	0.316	-11.3	94	0.00
52 CM	Toluene	0.922	0.950	-3.0#	84	0.00
53 T	t-1,3-Dichloropropene	0.527	0.557	-5.7	85	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.620	-3.3	82	0.00
55 T	1,1,2-Trichloroethane	0.300	0.328	-9.3	87	0.00
56 T	Ethyl methacrylate	0.397	0.446	-12.3	89	0.00
57 T	1,3-Dichloropropane	0.513	0.544	-6.0	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.176	-3.5	83	0.00
59 T	2-Hexanone	0.192	0.216	-12.5	94	0.00
60 T	Dibromochloromethane	0.366	0.391	-6.8	86	0.00
61 T	1,2-Dibromoethane	0.292	0.308	-5.5	88	0.00
62 S	4-Bromofluorobenzene	0.437	0.470	-7.6	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.482	0.478	0.8	83	0.00
65 PM	Chlorobenzene	1.126	1.139	-1.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.412	0.429	-4.1	88	0.00
67 C	Ethyl Benzene	1.952	1.990	-1.9#	86	0.00
68 T	m/p-Xylenes	0.766	0.761	0.7	84	0.00
69 T	o-Xylene	0.728	0.735	-1.0	84	0.00
70 T	Styrene	1.208	1.262	-4.5	87	0.00
71 P	Bromoform	0.255	0.266	-4.3	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.923	3.845	2.0	86	0.00
74 T	N-amyl acetate	1.048	1.038	1.0	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.746	0.766	-2.7	93	0.00
76 T	1,2,3-Trichloropropane	0.586	0.575	1.9	91	0.00
77 T	Bromobenzene	0.953	0.922	3.3	86	0.00
78 T	n-propylbenzene	4.726	4.603	2.6	86	0.00
79 T	2-Chlorotoluene	2.662	2.626	1.4	87	0.00
80 T	1,3,5-Trimethylbenzene	3.256	3.171	2.6	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.276	0.269	2.5	87	0.00
82 T	4-Chlorotoluene	2.777	2.650	4.6	86	0.00
83 T	tert-Butylbenzene	2.840	2.819	0.7	87	0.00
84 T	1,2,4-Trimethylbenzene	3.191	3.127	2.0	86	0.00
85 T	sec-Butylbenzene	4.251	4.179	1.7	88	0.00
86 T	p-Isopropyltoluene	3.533	3.448	2.4	86	0.00
87 T	1,3-Dichlorobenzene	1.842	1.780	3.4	88	0.00
88 T	1,4-Dichlorobenzene	1.848	1.783	3.5	88	0.00
89 T	n-Butylbenzene	3.291	3.246	1.4	88	0.00
90 T	Hexachloroethane	0.670	0.670	0.0	88	0.00
91 T	1,2-Dichlorobenzene	1.655	1.652	0.2	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.132	0.8	94	0.00
93 T	1,2,4-Trichlorobenzene	1.012	1.019	-0.7	87	0.00
94 T	Hexachlorobutadiene	0.545	0.569	-4.4	91	0.00
95 T	Naphthalene	2.031	2.194	-8.0	91	0.00

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96 T	1,2,3-Trichlorobenzene	0.865	0.894	-3.4	91	0.00

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