

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009603.D
 Acq On : 19 Jul 2022 20:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 20 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 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	137	0.00
2 T	Dichlorodifluoromethane	0.439	0.403	8.2	129	0.00
3 P	Chloromethane	0.650	0.446	31.4#	99	0.00
4 C	Vinyl Chloride	0.680	0.444	34.7#	91	0.00
5 T	Bromomethane	0.460	0.285	38.0#	89	0.00
6 T	Chloroethane	0.413	0.243	41.2#	83	0.00
7 T	Trichlorofluoromethane	0.806	0.732	9.2	127	0.00
8 T	Diethyl Ether	0.264	0.252	4.5	134	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.471	0.448	4.9	131	0.00
10 T	Methyl Iodide	0.626	0.578	7.7	123	0.00
11 T	Tert butyl alcohol	0.056	0.039	30.4#	106	0.00
12 CM	1,1-Dichloroethene	0.460	0.430	6.5#	130	0.00
13 T	Acrolein	0.034	0.025	26.5#	105	0.00
14 T	Allyl chloride	0.711	0.662	6.9	127	0.00
15 T	Acrylonitrile	0.130	0.116	10.8	124	0.00
16 T	Acetone	0.120	0.083	30.8#	80	0.00
17 T	Carbon Disulfide	1.429	1.312	8.2	126	0.00
18 T	Methyl Acetate	0.336	0.267	20.5	123	0.00
19 T	Methyl tert-butyl Ether	1.212	1.174	3.1	134	0.00
20 T	Methylene Chloride	0.855	0.691	19.2	162#	0.00
21 T	trans-1,2-Dichloroethene	0.520	0.498	4.2	132	0.00
22 T	Diisopropyl ether	1.519	1.419	6.6	129	0.00
23 T	Vinyl Acetate	0.958	0.874	8.8	121	0.00
24 P	1,1-Dichloroethane	0.877	0.838	4.4	133	0.00
25 T	2-Butanone	0.174	0.142	18.4	104	0.00
26 T	2,2-Dichloropropane	0.786	0.637	19.0	113	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.560	2.6	136	0.00
28 T	Bromochloromethane	0.376	0.371	1.3	129	0.00
29 T	Tetrahydrofuran	0.115	0.099	13.9	119	0.00
30 C	Chloroform	0.897	0.860	4.1#	136	0.00
31 T	Cyclohexane	0.834	0.752	9.8	127	0.00
32 T	1,1,1-Trichloroethane	0.805	0.764	5.1	132	0.00
33 S	1,2-Dichloroethane-d4	0.473	0.445	5.9	130	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	142	0.00
35 S	Dibromofluoromethane	0.315	0.308	2.2	139	0.00
36 T	1,1-Dichloropropene	0.465	0.423	9.0	129	0.00
37 T	Ethyl Acetate	0.259	0.214	17.4	118	0.00
38 T	Carbon Tetrachloride	0.487	0.446	8.4	129	0.00
39 T	Methylcyclohexane	0.574	0.559	2.6	135	0.00
40 TM	Benzene	1.362	1.257	7.7	133	0.00
41 T	Methacrylonitrile	0.124	0.120	3.2	140	0.00
42 TM	1,2-Dichloroethane	0.382	0.331	13.4	124	0.00
43 T	Isopropyl Acetate	0.475	0.421	11.4	124	0.00
44 TM	Trichloroethene	0.387	0.366	5.4	137	0.00
45 C	1,2-Dichloropropane	0.334	0.315	5.7#	135	0.00
46 T	Dibromomethane	0.194	0.179	7.7	131	0.00
47 T	Bromodichloromethane	0.455	0.424	6.8	134	0.00
48 T	Methyl methacrylate	0.210	0.190	9.5	126	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	0.003	0.002	33.3#	136	0.00
50 S	Toluene-d8	1.211	1.190	1.7	138	0.00
51 T	4-Methyl-2-Pentanone	0.246	0.215	12.6	121	0.00
52 CM	Toluene	0.863	0.814	5.7#	134	0.00
53 T	t-1,3-Dichloropropene	0.470	0.434	7.7	131	0.00
54 T	cis-1,3-Dichloropropene	0.534	0.500	6.4	131	0.00
55 T	1,1,2-Trichloroethane	0.273	0.256	6.2	136	0.00
56 T	Ethyl methacrylate	0.350	0.351	-0.3	139	0.00
57 T	1,3-Dichloropropane	0.454	0.425	6.4	134	0.00
58 T	2-Chloroethyl Vinyl ether	0.130	0.185	-42.3#	133	0.00
59 T	2-Hexanone	0.171	0.146	14.6	112	0.00
60 T	Dibromochloromethane	0.331	0.311	6.0	135	0.00
61 T	1,2-Dibromoethane	0.267	0.252	5.6	137	0.00
62 S	4-Bromofluorobenzene	0.392	0.434	-10.7	157#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	143	0.00
64 T	Tetrachloroethene	0.391	0.375	4.1	137	0.00
65 PM	Chlorobenzene	1.022	0.963	5.8	137	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.368	3.2	139	0.00
67 C	Ethyl Benzene	1.797	1.721	4.2#	134	0.00
68 T	m/p-Xylenes	0.715	0.677	5.3	132	0.00
69 T	o-Xylene	0.669	0.663	0.9	138	0.00
70 T	Styrene	1.113	1.099	1.3	137	0.00
71 P	Bromoform	0.240	0.219	8.7	129	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	144	0.00
73 T	Isopropylbenzene	3.462	3.321	4.1	135	0.00
74 T	N-amyl acetate	0.921	1.004	-9.0	153#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.693	0.599	13.6	127	0.00
76 T	1,2,3-Trichloropropane	0.476	0.421	11.6	129	0.00
77 T	Bromobenzene	0.871	0.797	8.5	134	0.00
78 T	n-propylbenzene	4.183	3.915	6.4	132	0.00
79 T	2-Chlorotoluene	2.319	2.214	4.5	137	0.00
80 T	1,3,5-Trimethylbenzene	2.861	2.759	3.6	136	0.00
81 T	trans-1,4-Dichloro-2-butene	0.242	0.211	12.8	120	0.00
82 T	4-Chlorotoluene	2.406	2.227	7.4	133	0.00
83 T	tert-Butylbenzene	2.541	2.490	2.0	138	0.00
84 T	1,2,4-Trimethylbenzene	2.861	2.721	4.9	136	0.00
85 T	sec-Butylbenzene	3.768	3.582	4.9	134	0.00
86 T	p-Isopropyltoluene	3.167	3.025	4.5	134	0.00
87 T	1,3-Dichlorobenzene	1.722	1.543	10.4	132	0.00
88 T	1,4-Dichlorobenzene	1.707	1.524	10.7	132	0.00
89 T	n-Butylbenzene	2.892	2.741	5.2	132	0.00
90 T	Hexachloroethane	0.610	0.568	6.9	135	0.00
91 T	1,2-Dichlorobenzene	1.504	1.373	8.7	133	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.098	6.7	134	0.00
93 T	1,2,4-Trichlorobenzene	0.944	0.877	7.1	136	0.00
94 T	Hexachlorobutadiene	0.560	0.516	7.9	136	0.00
95 T	Naphthalene	1.803	1.769	1.9	142	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.829	0.763	8.0	138	0.00

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