

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014663.D
 Acq On : 17 Jul 2023 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 18 06:06:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 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	89	0.00
2 T	Dichlorodifluoromethane	0.407	0.367	9.8	84	0.00
3 P	Chloromethane	0.458	0.462	-0.9	92	0.00
4 C	Vinyl Chloride	0.512	0.522	-2.0#	90	0.00
5 T	Bromomethane	0.338	0.368	-8.9	98	0.00
6 T	Chloroethane	0.320	0.337	-5.3	93	0.00
7 T	Trichlorofluoromethane	0.860	0.844	1.9	86	0.00
8 T	Diethyl Ether	0.320	0.335	-4.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.517	1.9	85	0.00
10 T	Methyl Iodide	0.493	0.588	-19.3	97	0.00
11 T	Tert butyl alcohol	0.125	0.134	-7.2	108	0.00
12 CM	1,1-Dichloroethene	0.492	0.483	1.8#	85	0.00
13 T	Acrolein	0.060	0.054	10.0	88	0.00
14 T	Allyl chloride	0.874	0.860	1.6	87	0.00
15 T	Acrylonitrile	0.176	0.212	-20.5	106	0.00
16 T	Acetone	0.181	0.212	-17.1	97	0.00
17 T	Carbon Disulfide	1.410	1.307	7.3	84	0.00
18 T	Methyl Acetate	0.693	0.848	-22.4	108	0.00
19 T	Methyl tert-butyl Ether	1.599	1.746	-9.2	95	0.00
20 T	Methylene Chloride	0.656	0.618	5.8	91	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.552	1.3	87	0.00
22 T	Diisopropyl ether	1.777	1.823	-2.6	89	0.00
23 T	Vinyl Acetate	1.064	1.149	-8.0	94	0.00
24 P	1,1-Dichloroethane	1.017	1.034	-1.7	88	0.00
25 T	2-Butanone	0.264	0.319	-20.8	106	0.00
26 T	2,2-Dichloropropane	0.969	0.961	0.8	87	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.674	-3.7	90	0.00
28 T	Bromochloromethane	0.438	0.449	-2.5	96	0.00
29 T	Tetrahydrofuran	0.163	0.198	-21.5	109	0.00
30 C	Chloroform	1.049	1.079	-2.9#	90	0.00
31 T	Cyclohexane	0.946	0.840	11.2	82	0.00
32 T	1,1,1-Trichloroethane	0.944	0.945	-0.1	88	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.569	0.2	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.318	0.318	0.0	89	0.00
36 T	1,1-Dichloropropene	0.476	0.469	1.5	86	0.00
37 T	Ethyl Acetate	0.328	0.385	-17.4	107	0.00
38 T	Carbon Tetrachloride	0.503	0.510	-1.4	88	0.00
39 T	Methylcyclohexane	0.620	0.585	5.6	82	0.00
40 TM	Benzene	1.354	1.373	-1.4	88	0.00
41 T	Methacrylonitrile	0.169	0.203	-20.1	109	0.00
42 TM	1,2-Dichloroethane	0.429	0.457	-6.5	92	0.00
43 T	Isopropyl Acetate	0.624	0.707	-13.3	100	0.00
44 TM	Trichloroethene	0.379	0.387	-2.1	89	0.00
45 C	1,2-Dichloropropane	0.353	0.361	-2.3#	89	0.00
46 T	Dibromomethane	0.214	0.229	-7.0	93	0.00
47 T	Bromodichloromethane	0.505	0.529	-4.8	91	0.00
48 T	Methyl methacrylate	0.281	0.320	-13.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	108	0.00
50 S	Toluene-d8	1.173	1.123	4.3	86	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.392	-19.5	105	0.00
52 CM	Toluene	0.866	0.876	-1.2#	88	0.00
53 T	t-1,3-Dichloropropene	0.553	0.581	-5.1	91	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.624	-3.8	90	0.00
55 T	1,1,2-Trichloroethane	0.299	0.326	-9.0	95	0.00
56 T	Ethyl methacrylate	0.456	0.510	-11.8	96	0.00
57 T	1,3-Dichloropropane	0.515	0.554	-7.6	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.234	-9.9	98	0.00
59 T	2-Hexanone	0.239	0.288	-20.5	105	0.00
60 T	Dibromochloromethane	0.366	0.399	-9.0	94	0.00
61 T	1,2-Dibromoethane	0.298	0.326	-9.4	95	0.00
62 S	4-Bromofluorobenzene	0.450	0.434	3.6	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.402	0.412	-2.5	91	0.00
65 PM	Chlorobenzene	1.065	1.087	-2.1	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.425	-5.7	92	0.00
67 C	Ethyl Benzene	1.924	1.925	-0.1#	87	0.00
68 T	m/p-Xylenes	0.734	0.736	-0.3	88	0.00
69 T	o-Xylene	0.715	0.726	-1.5	89	0.00
70 T	Styrene	1.206	1.241	-2.9	89	0.00
71 P	Bromoform	0.272	0.313	-15.1	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.915	3.814	2.6	88	0.00
74 T	N-amyl acetate	1.311	1.415	-7.9	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.971	-8.7	99	0.00
76 T	1,2,3-Trichloropropane	0.631	0.708	-12.2	102	0.00
77 T	Bromobenzene	0.894	0.934	-4.5	93	0.00
78 T	n-propylbenzene	4.718	4.579	2.9	86	0.00
79 T	2-Chlorotoluene	2.717	2.668	1.8	87	0.00
80 T	1,3,5-Trimethylbenzene	3.270	3.214	1.7	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.363	-11.3	98	0.00
82 T	4-Chlorotoluene	2.799	2.770	1.0	88	0.00
83 T	tert-Butylbenzene	2.900	2.843	2.0	87	0.00
84 T	1,2,4-Trimethylbenzene	3.209	3.205	0.1	89	0.00
85 T	sec-Butylbenzene	4.255	4.180	1.8	87	0.00
86 T	p-Isopropyltoluene	3.474	3.482	-0.2	88	0.00
87 T	1,3-Dichlorobenzene	1.739	1.782	-2.5	91	0.00
88 T	1,4-Dichlorobenzene	1.743	1.794	-2.9	91	0.00
89 T	n-Butylbenzene	3.380	3.302	2.3	86	0.00
90 T	Hexachloroethane	0.714	0.715	-0.1	89	0.00
91 T	1,2-Dichlorobenzene	1.594	1.648	-3.4	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.198	-15.8	105	0.00
93 T	1,2,4-Trichlorobenzene	1.012	1.075	-6.2	91	0.00
94 T	Hexachlorobutadiene	0.556	0.571	-2.7	89	0.00
95 T	Naphthalene	2.357	2.678	-13.6	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.963	-7.1	93	0.00

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