

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015019.D
 Acq On : 10 Aug 2023 11:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 14:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 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	98	0.00
2 T	Dichlorodifluoromethane	0.305	0.221	27.5#	83	0.00
3 P	Chloromethane	0.393	0.348	11.5	97	0.00
4 C	Vinyl Chloride	0.485	0.418	13.8#	93	0.00
5 T	Bromomethane	0.368	0.330	10.3	101	0.00
6 T	Chloroethane	0.335	0.316	5.7	99	0.00
7 T	Trichlorofluoromethane	0.766	0.658	14.1	90	0.00
8 T	Diethyl Ether	0.283	0.264	6.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.454	0.381	16.1	87	0.00
10 T	Methyl Iodide	0.469	0.489	-4.3	100	0.00
11 T	Tert butyl alcohol	0.146	0.106	27.4#	109	0.00
12 CM	1,1-Dichloroethene	0.395	0.347	12.2#	91	0.00
13 T	Acrolein	0.050	0.050	0.0	110	0.00
14 T	Allyl chloride	0.658	0.605	8.1	93	0.00
15 T	Acrylonitrile	0.173	0.162	6.4	96	0.00
16 T	Acetone	0.189	0.191	-1.1	102	0.00
17 T	Carbon Disulfide	0.874	0.717	18.0	88	0.00
18 T	Methyl Acetate	0.688	0.660	4.1	99	0.00
19 T	Methyl tert-butyl Ether	1.495	1.446	3.3	98	0.00
20 T	Methylene Chloride	1.162	0.639	45.0#	90	0.00
21 T	trans-1,2-Dichloroethene	0.450	0.407	9.6	94	0.00
22 T	Diisopropyl ether	1.533	1.453	5.2	95	0.00
23 T	Vinyl Acetate	0.922	0.852	7.6	92	0.00
24 P	1,1-Dichloroethane	0.870	0.810	6.9	95	0.00
25 T	2-Butanone	0.271	0.253	6.6	96	0.00
26 T	2,2-Dichloropropane	0.880	0.790	10.2	94	0.00
27 T	cis-1,2-Dichloroethene	0.570	0.543	4.7	97	0.00
28 T	Bromochloromethane	0.392	0.387	1.3	99	0.00
29 T	Tetrahydrofuran	0.159	0.145	8.8	95	0.00
30 C	Chloroform	0.945	0.908	3.9#	95	0.00
31 T	Cyclohexane	0.706	0.537	23.9	85	0.00
32 T	1,1,1-Trichloroethane	0.832	0.780	6.2	94	0.00
33 S	1,2-Dichloroethane-d4	0.606	0.651	-7.4	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.320	0.358	-11.9	112	0.00
36 T	1,1-Dichloropropene	0.397	0.348	12.3	90	0.00
37 T	Ethyl Acetate	0.315	0.293	7.0	98	0.00
38 T	Carbon Tetrachloride	0.446	0.410	8.1	92	0.00
39 T	Methylcyclohexane	0.472	0.389	17.6	86	0.00
40 TM	Benzene	1.169	1.064	9.0	94	0.00
41 T	Methacrylonitrile	0.153	0.165	-7.8	109	0.01
42 TM	1,2-Dichloroethane	0.407	0.382	6.1	96	0.00
43 T	Isopropyl Acetate	0.585	0.545	6.8	96	0.00
44 TM	Trichloroethene	0.335	0.315	6.0	97	0.00
45 C	1,2-Dichloropropane	0.311	0.290	6.8#	95	0.00
46 T	Dibromomethane	0.200	0.189	5.5	97	0.00
47 T	Bromodichloromethane	0.461	0.445	3.5	96	0.00
48 T	Methyl methacrylate	0.257	0.240	6.6	95	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	0.004	0.003	25.0	96	0.00
50 S	Toluene-d8	1.217	1.301	-6.9	108	0.00
51 T	4-Methyl-2-Pentanone	0.330	0.310	6.1	96	0.00
52 CM	Toluene	0.752	0.706	6.1#	96	0.00
53 T	t-1,3-Dichloropropene	0.480	0.483	-0.6	100	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.501	3.5	96	0.00
55 T	1,1,2-Trichloroethane	0.291	0.285	2.1	100	0.00
56 T	Ethyl methacrylate	0.416	0.421	-1.2	100	0.00
57 T	1,3-Dichloropropane	0.481	0.470	2.3	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.197	0.181	8.1	92	0.00
59 T	2-Hexanone	0.244	0.240	1.6	100	0.00
60 T	Dibromochloromethane	0.346	0.356	-2.9	102	0.00
61 T	1,2-Dibromoethane	0.278	0.270	2.9	100	0.00
62 S	4-Bromofluorobenzene	0.431	0.494	-14.6	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.376	0.383	-1.9	104	0.00
65 PM	Chlorobenzene	0.949	0.895	5.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.368	1.1	102	0.00
67 C	Ethyl Benzene	1.665	1.556	6.5#	98	0.00
68 T	m/p-Xylenes	0.637	0.594	6.8	98	0.00
69 T	o-Xylene	0.623	0.598	4.0	100	0.00
70 T	Styrene	1.065	1.028	3.5	100	0.00
71 P	Bromoform	0.256	0.259	-1.2	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.361	3.065	8.8	97	0.00
74 T	N-amyl acetate	1.148	1.065	7.2	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.821	0.753	8.3	99	0.00
76 T	1,2,3-Trichloropropane	0.599	0.554	7.5	101	0.00
77 T	Bromobenzene	0.815	0.773	5.2	102	0.00
78 T	n-propylbenzene	4.020	3.663	8.9	97	0.00
79 T	2-Chlorotoluene	2.291	2.136	6.8	100	0.00
80 T	1,3,5-Trimethylbenzene	2.770	2.608	5.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.272	0.260	4.4	100	0.00
82 T	4-Chlorotoluene	2.368	2.225	6.0	101	0.00
83 T	tert-Butylbenzene	2.534	2.343	7.5	99	0.00
84 T	1,2,4-Trimethylbenzene	2.775	2.610	5.9	100	0.00
85 T	sec-Butylbenzene	3.719	3.388	8.9	97	0.00
86 T	p-Isopropyltoluene	3.078	2.871	6.7	99	0.00
87 T	1,3-Dichlorobenzene	1.596	1.513	5.2	102	0.00
88 T	1,4-Dichlorobenzene	1.591	1.501	5.7	101	0.00
89 T	n-Butylbenzene	2.892	2.659	8.1	97	0.00
90 T	Hexachloroethane	0.598	0.574	4.0	102	0.00
91 T	1,2-Dichlorobenzene	1.473	1.401	4.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.155	3.1	105	0.00
93 T	1,2,4-Trichlorobenzene	0.942	0.931	1.2	103	0.00
94 T	Hexachlorobutadiene	0.511	0.483	5.5	98	0.00
95 T	Naphthalene	2.218	2.325	-4.8	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.833	2.3	102	0.00

(#) = Out of Range

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