

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016013.D
 Acq On : 18 Oct 2023 10:28
 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: Oct 18 10:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 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	101	0.00
2 T	Dichlorodifluoromethane	0.418	0.397	5.0	91	0.00
3 P	Chloromethane	0.745	0.495	33.6#	81	0.00
4 C	Vinyl Chloride	0.535	0.548	-2.4#	101	0.00
5 T	Bromomethane	0.303	0.396	-30.7#	122	0.00
6 T	Chloroethane	0.346	0.360	-4.0	98	0.00
7 T	Trichlorofluoromethane	0.908	0.818	9.9	89	0.01
8 T	Diethyl Ether	0.339	0.291	14.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.475	7.9	93	0.00
10 T	Methyl Iodide	0.594	0.665	-12.0	104	0.00
11 T	Tert butyl alcohol	0.331	0.057	82.8#	24#	-0.05
12 CM	1,1-Dichloroethene	0.486	0.448	7.8#	92	0.01
13 T	Acrolein	0.108	0.061	43.5#	51	0.00
14 T	Allyl chloride	0.786	0.710	9.7	88	0.01
15 T	Acrylonitrile	0.299	0.156	47.8#	51	-0.01
16 T	Acetone	0.331	0.170	48.6#	44#	-0.02
17 T	Carbon Disulfide	1.486	1.338	10.0	90	0.00
18 T	Methyl Acetate	1.150	0.593	48.4#	51	0.00
19 T	Methyl tert-butyl Ether	1.630	1.417	13.1	84	0.00
20 T	Methylene Chloride	0.750	0.531	29.2#	86	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.533	6.2	94	0.00
22 T	Diisopropyl ether	1.632	1.543	5.5	93	0.00
23 T	Vinyl Acetate	1.073	0.923	14.0	81	0.00
24 P	1,1-Dichloroethane	0.971	0.910	6.3	94	0.00
25 T	2-Butanone	0.482	0.229	52.5#	46#	-0.01
26 T	2,2-Dichloropropane	0.806	0.830	-3.0	104	0.00
27 T	cis-1,2-Dichloroethene	0.639	0.611	4.4	95	0.00
28 T	Bromochloromethane	0.433	0.365	15.7	84	0.00
29 T	Tetrahydrofuran	0.331	0.139	58.0#	41#	0.00
30 C	Chloroform	1.008	0.967	4.1#	96	0.00
31 T	Cyclohexane	0.908	0.779	14.2	90	0.00
32 T	1,1,1-Trichloroethane	0.896	0.861	3.9	97	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.513	10.2	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.315	0.310	1.6	94	0.00
36 T	1,1-Dichloropropene	0.475	0.459	3.4	96	0.00
37 T	Ethyl Acetate	0.733	0.289	60.6#	38#	0.00
38 T	Carbon Tetrachloride	0.500	0.493	1.4	99	0.00
39 T	Methylcyclohexane	0.609	0.563	7.6	92	0.00
40 TM	Benzene	1.374	1.313	4.4	95	0.00
41 T	Methacrylonitrile	0.242	0.390	-61.2#	160#	0.02
42 TM	1,2-Dichloroethane	0.441	0.405	8.2	91	0.00
43 T	Isopropyl Acetate	0.787	0.529	32.8#	64	0.00
44 TM	Trichloroethene	0.423	0.364	13.9	88	0.00
45 C	1,2-Dichloropropane	0.351	0.329	6.3#	93	0.00
46 T	Dibromomethane	0.246	0.207	15.9	80	0.00
47 T	Bromodichloromethane	0.498	0.472	5.2	93	0.00
48 T	Methyl methacrylate	0.348	0.247	29.0#	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.003	57.1#	45#	-0.02
50 S	Toluene-d8	1.179	1.134	3.8	93	0.00
51 T	4-Methyl-2-Pentanone	0.580	0.291	49.8#	48#	0.00
52 CM	Toluene	0.879	0.847	3.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.558	0.508	9.0	88	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.560	6.7	91	0.00
55 T	1,1,2-Trichloroethane	0.351	0.287	18.2	82	0.00
56 T	Ethyl methacrylate	0.549	0.415	24.4	72	0.00
57 T	1,3-Dichloropropane	0.595	0.488	18.0	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.241	0.178	26.1#	90	0.00
59 T	2-Hexanone	0.495	0.221	55.4#	43#	0.00
60 T	Dibromochloromethane	0.399	0.349	12.5	85	0.00
61 T	1,2-Dibromoethane	0.380	0.287	24.5	74	0.00
62 S	4-Bromofluorobenzene	0.420	0.400	4.8	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.436	0.342	21.6	80	0.00
65 PM	Chlorobenzene	1.048	1.016	3.1	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.385	0.8	97	0.00
67 C	Ethyl Benzene	1.832	1.822	0.5#	96	0.00
68 T	m/p-Xylenes	0.707	0.711	-0.6	96	0.00
69 T	o-Xylene	0.676	0.674	0.3	95	0.00
70 T	Styrene	1.150	1.153	-0.3	95	0.00
71 P	Bromoform	0.330	0.259	21.5	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.540	3.535	0.1	96	0.00
74 T	N-amyl acetate	1.430	1.053	26.4#	68	0.00
75 P	1,1,2,2-Tetrachloroethane	1.087	0.806	25.9#	71	0.00
76 T	1,2,3-Trichloropropane	0.979	1.033	-5.5	115	0.00
77 T	Bromobenzene	0.889	0.841	5.4	91	0.00
78 T	n-propylbenzene	4.304	4.261	1.0	95	0.00
79 T	2-Chlorotoluene	2.435	2.389	1.9	95	0.00
80 T	1,3,5-Trimethylbenzene	2.941	2.959	-0.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.415	0.280	32.5#	62	0.00
82 T	4-Chlorotoluene	2.502	2.514	-0.5	97	0.00
83 T	tert-Butylbenzene	2.584	2.599	-0.6	95	0.00
84 T	1,2,4-Trimethylbenzene	2.952	2.925	0.9	95	0.00
85 T	sec-Butylbenzene	3.835	3.795	1.0	95	0.00
86 T	p-Isopropyltoluene	3.205	3.193	0.4	95	0.00
87 T	1,3-Dichlorobenzene	1.706	1.666	2.3	95	0.00
88 T	1,4-Dichlorobenzene	1.723	1.646	4.5	93	0.00
89 T	n-Butylbenzene	3.014	2.997	0.6	95	0.00
90 T	Hexachloroethane	0.614	0.608	1.0	97	0.00
91 T	1,2-Dichlorobenzene	1.601	1.509	5.7	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.144	53.7#	46#	0.00
93 T	1,2,4-Trichlorobenzene	1.052	0.000	100.0#	0#	-15.01#
94 T	Hexachlorobutadiene	0.534	0.000	100.0#	0#	-15.12#
95 T	Naphthalene	3.414	0.000	100.0#	0#	-15.24#

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	Compound	AvgRF	CCRF	%Dev	Area% Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	0.000	100.0#	0# -15.43#

(#) = Out of Range

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