

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022021.D
 Acq On : 28 Apr 2025 09:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 29 03:51:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 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	99	0.00
2 T	Dichlorodifluoromethane	0.426	0.366	14.1	92	0.00
3 P	Chloromethane	0.607	0.548	9.7	90	0.00
4 C	Vinyl Chloride	0.745	0.678	9.0#	92	0.00
5 T	Bromomethane	0.642	0.537	16.4	89	0.00
6 T	Chloroethane	0.508	0.463	8.9	92	0.00
7 T	Trichlorofluoromethane	0.983	0.891	9.4	92	0.00
8 T	Diethyl Ether	0.256	0.223	12.9	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.478	10.3	96	0.00
10 T	Methyl Iodide	0.617	0.580	6.0	91	0.00
11 T	Tert butyl alcohol	0.025	0.023	8.0	86	-0.01
12 CM	1,1-Dichloroethene	0.497	0.442	11.1#	92	0.00
13 T	Acrolein	0.046	0.025	45.7#	58	0.00
14 T	Allyl chloride	0.579	0.516	10.9	92	0.00
15 T	Acrylonitrile	0.094	0.086	8.5	91	0.00
16 T	Acetone	0.070	0.058	17.1	91	0.00
17 T	Carbon Disulfide	1.585	1.429	9.8	94	0.00
18 T	Methyl Acetate	0.216	0.238	-10.2	105	0.00
19 T	Methyl tert-butyl Ether	1.113	1.036	6.9	90	0.00
20 T	Methylene Chloride	0.584	0.493	15.6	91	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.513	7.9	95	0.01
22 T	Diisopropyl ether	1.288	1.218	5.4	93	0.00
23 T	Vinyl Acetate	0.694	0.637	8.2	88	0.00
24 P	1,1-Dichloroethane	0.893	0.812	9.1	94	0.00
25 T	2-Butanone	0.105	0.096	8.6	90	0.00
26 T	2,2-Dichloropropane	0.782	0.716	8.4	95	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.571	8.2	92	0.00
28 T	Bromochloromethane	0.347	0.325	6.3	93	0.00
29 T	Tetrahydrofuran	0.068	0.067	1.5	90	0.00
30 C	Chloroform	0.990	0.923	6.8#	95	0.00
31 T	Cyclohexane	0.763	0.668	12.5	93	0.00
32 T	1,1,1-Trichloroethane	0.896	0.830	7.4	96	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.422	8.7	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.330	0.326	1.2	92	0.00
36 T	1,1-Dichloropropene	0.444	0.437	1.6	95	0.00
37 T	Ethyl Acetate	0.159	0.157	1.3	90	0.00
38 T	Carbon Tetrachloride	0.530	0.533	-0.6	97	0.00
39 T	Methylcyclohexane	0.558	0.536	3.9	90	0.00
40 TM	Benzene	1.387	1.363	1.7	95	0.00
41 T	Methacrylonitrile	0.087	0.088	-1.1	89	0.00
42 TM	1,2-Dichloroethane	0.343	0.340	0.9	94	0.00
43 T	Isopropyl Acetate	0.306	0.295	3.6	88	0.00
44 TM	Trichloroethene	0.384	0.372	3.1	94	0.00
45 C	1,2-Dichloropropane	0.307	0.301	2.0#	93	0.00
46 T	Dibromomethane	0.192	0.192	0.0	95	0.00
47 T	Bromodichloromethane	0.480	0.481	-0.2	95	0.00
48 T	Methyl methacrylate	0.141	0.144	-2.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.245	1.244	0.1	90	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.169	-5.6	91	0.00
52 CM	Toluene	0.898	0.912	-1.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.411	0.414	-0.7	92	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.489	0.0	94	0.00
55 T	1,1,2-Trichloroethane	0.256	0.263	-2.7	95	0.00
56 T	Ethyl methacrylate	0.293	0.298	-1.7	88	0.00
57 T	1,3-Dichloropropane	0.411	0.414	-0.7	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.157	-9.8	91	0.00
59 T	2-Hexanone	0.106	0.113	-6.6	91	0.00
60 T	Dibromochloromethane	0.355	0.367	-3.4	97	0.00
61 T	1,2-Dibromoethane	0.242	0.251	-3.7	97	0.00
62 S	4-Bromofluorobenzene	0.419	0.422	-0.7	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.472	0.461	2.3	96	0.00
65 PM	Chlorobenzene	1.118	1.077	3.7	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.392	0.5	97	0.00
67 C	Ethyl Benzene	1.829	1.803	1.4#	94	0.00
68 T	m/p-Xylenes	0.728	0.739	-1.5	96	0.00
69 T	o-Xylene	0.671	0.674	-0.4	93	0.00
70 T	Styrene	1.126	1.164	-3.4	95	0.00
71 P	Bromoform	0.229	0.236	-3.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.341	3.228	3.4	94	0.00
74 T	N-amyl acetate	0.574	0.524	8.7	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.540	4.1	95	0.00
76 T	1,2,3-Trichloropropane	0.428	0.410	4.2	98	0.00
77 T	Bromobenzene	0.844	0.811	3.9	95	0.00
78 T	n-propylbenzene	3.978	3.852	3.2	94	0.00
79 T	2-Chlorotoluene	2.314	2.191	5.3	93	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.721	1.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.164	7.9	90	0.00
82 T	4-Chlorotoluene	2.405	2.314	3.8	94	0.00
83 T	tert-Butylbenzene	2.468	2.368	4.1	92	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.736	0.6	95	0.00
85 T	sec-Butylbenzene	3.612	3.492	3.3	94	0.00
86 T	p-Isopropyltoluene	3.067	3.013	1.8	94	0.00
87 T	1,3-Dichlorobenzene	1.714	1.651	3.7	97	0.00
88 T	1,4-Dichlorobenzene	1.698	1.606	5.4	96	0.00
89 T	n-Butylbenzene	2.742	2.598	5.3	92	0.00
90 T	Hexachloroethane	0.674	0.626	7.1	95	0.00
91 T	1,2-Dichlorobenzene	1.495	1.436	3.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.086	4.4	99	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.815	3.8	96	0.00
94 T	Hexachlorobutadiene	0.521	0.499	4.2	101	0.00
95 T	Naphthalene	1.408	1.399	0.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.723	1.1	99	0.00

(#) = Out of Range

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