

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019670.D
 Acq On : 23 Sep 2024 16:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 04:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 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	57	0.00
2 T	Dichlorodifluoromethane	0.316	0.213	32.6#	46#	0.00
3 P	Chloromethane	0.414	0.349	15.7	51	0.00
4 C	Vinyl Chloride	0.447	0.430	3.8#	55	0.00
5 T	Bromomethane	0.275	0.318	-15.6	64	0.00
6 T	Chloroethane	0.292	0.318	-8.9	61	0.00
7 T	Trichlorofluoromethane	0.746	0.737	1.2	57	0.00
8 T	Diethyl Ether	0.250	0.240	4.0	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.435	5.6	54	0.00
10 T	Methyl Iodide	0.591	0.508	14.0	47#	0.00
11 T	Tert butyl alcohol	0.037	0.035	5.4	49#	0.00
12 CM	1,1-Dichloroethene	0.444	0.410	7.7#	52	0.00
13 T	Acrolein	0.020	0.011	45.0#	41#	0.00
14 T	Allyl chloride	0.796	0.718	9.8	50	0.00
15 T	Acrylonitrile	0.108	0.101	6.5	50#	0.00
16 T	Acetone	0.110	0.085	22.7	39#	0.00
17 T	Carbon Disulfide	1.199	1.050	12.4	47#	0.00
18 T	Methyl Acetate	0.299	0.278	7.0	46#	0.00
19 T	Methyl tert-butyl Ether	1.256	1.210	3.7	53	0.00
20 T	Methylene Chloride	0.503	0.485	3.6	55	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.476	2.1	54	0.00
22 T	Diisopropyl ether	1.634	1.572	3.8	53	0.00
23 T	Vinyl Acetate	0.933	0.856	8.3	50	0.00
24 P	1,1-Dichloroethane	0.917	0.913	0.4	55	0.00
25 T	2-Butanone	0.157	0.131	16.6	44#	0.00
26 T	2,2-Dichloropropane	0.827	0.763	7.7	52	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.601	-1.7	56	0.00
28 T	Bromochloromethane	0.386	0.408	-5.7	57	0.00
29 T	Tetrahydrofuran	0.095	0.084	11.6	47#	0.00
30 C	Chloroform	0.936	0.975	-4.2#	57	0.00
31 T	Cyclohexane	0.829	0.704	15.1	50	0.00
32 T	1,1,1-Trichloroethane	0.839	0.853	-1.7	57	0.00
33 S	1,2-Dichloroethane-d4	0.463	0.497	-7.3	58	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
35 S	Dibromofluoromethane	0.283	0.290	-2.5	59	0.00
36 T	1,1-Dichloropropene	0.386	0.365	5.4	55	0.00
37 T	Ethyl Acetate	0.198	0.173	12.6	48#	0.00
38 T	Carbon Tetrachloride	0.435	0.413	5.1	56	0.00
39 T	Methylcyclohexane	0.513	0.452	11.9	52	0.00
40 TM	Benzene	1.188	1.125	5.3	55	0.00
41 T	Methacrylonitrile	0.115	0.104	9.6	47#	0.00
42 TM	1,2-Dichloroethane	0.320	0.318	0.6	57	0.00
43 T	Isopropyl Acetate	0.415	0.361	13.0	49#	0.00
44 TM	Trichloroethene	0.306	0.290	5.2	55	0.00
45 C	1,2-Dichloropropane	0.290	0.272	6.2#	55	0.00
46 T	Dibromomethane	0.159	0.157	1.3	55	0.00
47 T	Bromodichloromethane	0.427	0.423	0.9	57	0.00
48 T	Methyl methacrylate	0.196	0.165	15.8	46#	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	0.002	0.002	0.0	53	0.00
50 S	Toluene-d8	1.049	1.053	-0.4	57	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.178	14.8	47#	0.00
52 CM	Toluene	0.764	0.734	3.9#	55	0.00
53 T	t-1,3-Dichloropropene	0.407	0.372	8.6	51	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.434	8.4	52	0.00
55 T	1,1,2-Trichloroethane	0.219	0.210	4.1	54	0.00
56 T	Ethyl methacrylate	0.333	0.299	10.2	51	0.00
57 T	1,3-Dichloropropane	0.377	0.354	6.1	53	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.309	-99.4#	114	0.00
59 T	2-Hexanone	0.153	0.120	21.6	43#	0.00
60 T	Dibromochloromethane	0.290	0.283	2.4	55	0.00
61 T	1,2-Dibromoethane	0.204	0.193	5.4	53	0.00
62 S	4-Bromofluorobenzene	0.403	0.386	4.2	57	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	59	0.00
64 T	Tetrachloroethene	0.310	0.300	3.2	57	0.00
65 PM	Chlorobenzene	0.984	0.946	3.9	56	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.325	4.7	56	0.00
67 C	Ethyl Benzene	1.748	1.673	4.3#	56	0.00
68 T	m/p-Xylenes	0.661	0.630	4.7	56	0.00
69 T	o-Xylene	0.646	0.613	5.1	55	0.00
70 T	Styrene	1.091	1.042	4.5	55	0.00
71 P	Bromoform	0.195	0.177	9.2	51	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	3.627	3.416	5.8	57	0.00
74 T	N-amyl acetate	0.987	0.794	19.6	47#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.644	0.583	9.5	53	0.00
76 T	1,2,3-Trichloropropane	0.469	0.354	24.5	41#	0.00
77 T	Bromobenzene	0.804	0.781	2.9	58	0.00
78 T	n-propylbenzene	4.299	4.031	6.2	56	0.00
79 T	2-Chlorotoluene	2.506	2.330	7.0	56	0.00
80 T	1,3,5-Trimethylbenzene	2.949	2.742	7.0	56	0.00
81 T	trans-1,4-Dichloro-2-butene	0.244	0.185	24.2	44#	0.00
82 T	4-Chlorotoluene	2.576	2.400	6.8	56	0.00
83 T	tert-Butylbenzene	2.670	2.533	5.1	57	0.00
84 T	1,2,4-Trimethylbenzene	2.919	2.714	7.0	56	0.00
85 T	sec-Butylbenzene	3.878	3.639	6.2	57	0.00
86 T	p-Isopropyltoluene	3.173	2.999	5.5	57	0.00
87 T	1,3-Dichlorobenzene	1.563	1.480	5.3	57	0.00
88 T	1,4-Dichlorobenzene	1.551	1.459	5.9	56	0.00
89 T	n-Butylbenzene	3.033	2.828	6.8	56	0.00
90 T	Hexachloroethane	0.660	0.610	7.6	56	0.00
91 T	1,2-Dichlorobenzene	1.395	1.305	6.5	55	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.089	16.8	48#	0.00
93 T	1,2,4-Trichlorobenzene	0.848	0.755	11.0	52	0.00
94 T	Hexachlorobutadiene	0.453	0.407	10.2	55	0.00
95 T	Naphthalene	1.699	1.430	15.8	48#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.632	12.9	50	0.00

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