

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019619.D
 Acq On : 18 Sep 2024 20:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:28:43 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	46#	0.00
2 T	Dichlorodifluoromethane	0.316	0.247	21.8	43#	0.00
3 P	Chloromethane	0.414	0.425	-2.7	50	0.00
4 C	Vinyl Chloride	0.447	0.497	-11.2#	51	0.00
5 T	Bromomethane	0.275	0.361	-31.3#	59	0.00
6 T	Chloroethane	0.292	0.353	-20.9	55	0.00
7 T	Trichlorofluoromethane	0.746	0.813	-9.0	51	0.00
8 T	Diethyl Ether	0.250	0.267	-6.8	47#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.475	-3.0	48#	0.00
10 T	Methyl Iodide	0.591	0.550	6.9	42#	0.00
11 T	Tert butyl alcohol	0.037	0.046	-24.3	54	0.00
12 CM	1,1-Dichloroethene	0.444	0.454	-2.3#	47#	0.00
13 T	Acrolein	0.020	0.012	40.0#	36#	0.00
14 T	Allyl chloride	0.796	0.798	-0.3	45#	0.00
15 T	Acrylonitrile	0.108	0.124	-14.8	49#	0.00
16 T	Acetone	0.110	0.116	-5.5	43#	0.00
17 T	Carbon Disulfide	1.199	1.188	0.9	43#	0.00
18 T	Methyl Acetate	0.299	0.325	-8.7	44#	0.00
19 T	Methyl tert-butyl Ether	1.256	1.389	-10.6	49#	0.00
20 T	Methylene Chloride	0.503	0.569	-13.1	52	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.520	-7.0	48#	0.00
22 T	Diisopropyl ether	1.634	1.783	-9.1	49#	0.00
23 T	Vinyl Acetate	0.933	1.023	-9.6	49#	0.00
24 P	1,1-Dichloroethane	0.917	1.018	-11.0	50#	0.00
25 T	2-Butanone	0.157	0.176	-12.1	48#	0.00
26 T	2,2-Dichloropropane	0.827	0.846	-2.3	47#	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.660	-11.7	50#	0.00
28 T	Bromochloromethane	0.386	0.497	-28.8#	56	0.00
29 T	Tetrahydrofuran	0.095	0.106	-11.6	48#	0.00
30 C	Chloroform	0.936	1.070	-14.3#	51	0.00
31 T	Cyclohexane	0.829	0.794	4.2	46#	0.00
32 T	1,1,1-Trichloroethane	0.839	0.926	-10.4	50	0.00
33 S	1,2-Dichloroethane-d4	0.463	0.561	-21.2	53	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	48#	0.00
35 S	Dibromofluoromethane	0.283	0.311	-9.9	52	0.00
36 T	1,1-Dichloropropene	0.386	0.398	-3.1	49#	0.00
37 T	Ethyl Acetate	0.198	0.209	-5.6	48#	0.00
38 T	Carbon Tetrachloride	0.435	0.448	-3.0	49#	0.00
39 T	Methylcyclohexane	0.513	0.498	2.9	46#	0.00
40 TM	Benzene	1.188	1.244	-4.7	49#	0.00
41 T	Methacrylonitrile	0.115	0.103	10.4	38#	0.00
42 TM	1,2-Dichloroethane	0.320	0.361	-12.8	53	0.00
43 T	Isopropyl Acetate	0.415	0.437	-5.3	49#	0.00
44 TM	Trichloroethene	0.306	0.309	-1.0	48#	0.00
45 C	1,2-Dichloropropane	0.290	0.303	-4.5#	50#	0.00
46 T	Dibromomethane	0.159	0.176	-10.7	51	0.00
47 T	Bromodichloromethane	0.427	0.462	-8.2	51	0.00
48 T	Methyl methacrylate	0.196	0.196	0.0	45#	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	1.135	-8.2	50	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.226	-8.1	49#	0.00
52 CM	Toluene	0.764	0.810	-6.0#	49#	0.00
53 T	t-1,3-Dichloropropene	0.407	0.413	-1.5	47#	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.481	-1.5	47#	0.00
55 T	1,1,2-Trichloroethane	0.219	0.237	-8.2	49#	0.00
56 T	Ethyl methacrylate	0.333	0.355	-6.6	49#	0.00
57 T	1,3-Dichloropropane	0.377	0.405	-7.4	50#	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.171	-10.3	52	0.00
59 T	2-Hexanone	0.153	0.158	-3.3	47#	0.00
60 T	Dibromochloromethane	0.290	0.310	-6.9	49#	0.00
61 T	1,2-Dibromoethane	0.204	0.215	-5.4	49#	0.00
62 S	4-Bromofluorobenzene	0.403	0.408	-1.2	49#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	49#	0.00
64 T	Tetrachloroethene	0.310	0.322	-3.9	50	0.00
65 PM	Chlorobenzene	0.984	1.011	-2.7	50#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.357	-4.7	50	0.00
67 C	Ethyl Benzene	1.748	1.805	-3.3#	50#	0.00
68 T	m/p-Xylenes	0.661	0.672	-1.7	49#	0.00
69 T	o-Xylene	0.646	0.654	-1.2	49#	0.00
70 T	Styrene	1.091	1.123	-2.9	49#	0.00
71 P	Bromoform	0.195	0.197	-1.0	47#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	49#	0.00
73 T	Isopropylbenzene	3.627	3.645	-0.5	49#	0.00
74 T	N-amyl acetate	0.987	0.988	-0.1	48#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.644	0.692	-7.5	51	0.00
76 T	1,2,3-Trichloropropane	0.469	0.507	-8.1	48#	0.00
77 T	Bromobenzene	0.804	0.807	-0.4	49#	0.00
78 T	n-propylbenzene	4.299	4.306	-0.2	49#	0.00
79 T	2-Chlorotoluene	2.506	2.510	-0.2	49#	0.00
80 T	1,3,5-Trimethylbenzene	2.949	2.950	-0.0	49#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.244	0.222	9.0	43#	0.00
82 T	4-Chlorotoluene	2.576	2.573	0.1	49#	0.00
83 T	tert-Butylbenzene	2.670	2.735	-2.4	50	0.00
84 T	1,2,4-Trimethylbenzene	2.919	2.917	0.1	49#	0.00
85 T	sec-Butylbenzene	3.878	3.920	-1.1	50#	0.00
86 T	p-Isopropyltoluene	3.173	3.172	0.0	49#	0.00
87 T	1,3-Dichlorobenzene	1.563	1.561	0.1	49#	0.00
88 T	1,4-Dichlorobenzene	1.551	1.543	0.5	48#	0.00
89 T	n-Butylbenzene	3.033	2.971	2.0	48#	0.00
90 T	Hexachloroethane	0.660	0.657	0.5	49#	0.00
91 T	1,2-Dichlorobenzene	1.395	1.403	-0.6	48#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.107	0.0	48#	0.00
93 T	1,2,4-Trichlorobenzene	0.848	0.769	9.3	43#	0.00
94 T	Hexachlorobutadiene	0.453	0.414	8.6	45#	0.00
95 T	Naphthalene	1.699	1.600	5.8	44#	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.666	8.3	43#	0.00

(#) = Out of Range

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