

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022850.D
 Acq On : 26 Jun 2025 15:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:29:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	97	0.00
2 T	Dichlorodifluoromethane	0.428	0.383	10.5	87	0.00
3 P	Chloromethane	0.816	0.655	19.7	80	0.00
4 C	Vinyl Chloride	1.020	0.878	13.9#	81	0.00
5 T	Bromomethane	0.802	0.679	15.3	85	0.00
6 T	Chloroethane	0.686	0.599	12.7	83	0.00
7 T	Trichlorofluoromethane	1.129	0.974	13.7	81	0.00
8 T	Diethyl Ether	0.279	0.251	10.0	85	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.496	3.9	93	0.00
10 T	Methyl Iodide	0.562	0.596	-6.0	92	0.00
11 T	Tert butyl alcohol	0.037	0.027	27.0#	68	-0.02
12 CM	1,1-Dichloroethene	0.506	0.489	3.4#	92	-0.01
13 T	Acrolein	0.050	0.031	38.0#	61	0.00
14 T	Allyl chloride	0.778	0.731	6.0	89	0.00
15 T	Acrylonitrile	0.116	0.098	15.5	78	-0.01
16 T	Acetone	0.105	0.115	-9.5	116	0.00
17 T	Carbon Disulfide	1.635	1.544	5.6	89	0.00
18 T	Methyl Acetate	0.349	0.248	28.9#	68	-0.01
19 T	Methyl tert-butyl Ether	1.378	1.222	11.3	82	-0.01
20 T	Methylene Chloride	0.666	0.578	13.2	95	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.546	5.5	89	0.00
22 T	Diisopropyl ether	1.729	1.620	6.3	87	0.00
23 T	Vinyl Acetate	0.955	0.868	9.1	83	0.00
24 P	1,1-Dichloroethane	1.044	0.994	4.8	89	0.00
25 T	2-Butanone	0.154	0.140	9.1	88	0.00
26 T	2,2-Dichloropropane	0.875	0.880	-0.6	96	0.00
27 T	cis-1,2-Dichloroethene	0.672	0.640	4.8	90	0.00
28 T	Bromochloromethane	0.439	0.406	7.5	85	0.00
29 T	Tetrahydrofuran	0.097	0.078	19.6	74	0.00
30 C	Chloroform	1.076	1.009	6.2#	89	0.00
31 T	Cyclohexane	0.959	0.887	7.5	91	0.00
32 T	1,1,1-Trichloroethane	0.929	0.894	3.8	91	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.507	9.1	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.304	0.296	2.6	91	0.00
36 T	1,1-Dichloropropene	0.461	0.459	0.4	91	0.00
37 T	Ethyl Acetate	0.199	0.170	14.6	77	0.00
38 T	Carbon Tetrachloride	0.486	0.486	0.0	92	0.00
39 T	Methylcyclohexane	0.596	0.613	-2.9	92	0.00
40 TM	Benzene	1.417	1.400	1.2	89	0.00
41 T	Methacrylonitrile	0.122	0.097	20.5	75	0.00
42 TM	1,2-Dichloroethane	0.388	0.364	6.2	85	0.00
43 T	Isopropyl Acetate	0.413	0.357	13.6	76	0.00
44 TM	Trichloroethene	0.356	0.354	0.6	89	0.00
45 C	1,2-Dichloropropane	0.332	0.322	3.0#	89	0.00
46 T	Dibromomethane	0.188	0.171	9.0	83	0.00
47 T	Bromodichloromethane	0.485	0.466	3.9	87	0.00
48 T	Methyl methacrylate	0.199	0.176	11.6	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	75	-0.01
50 S	Toluene-d8	1.207	1.231	-2.0	94	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.182	13.3	75	0.00
52 CM	Toluene	0.894	0.896	-0.2#	90	0.00
53 T	t-1,3-Dichloropropene	0.437	0.412	5.7	85	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.497	1.8	89	0.00
55 T	1,1,2-Trichloroethane	0.244	0.224	8.2	83	0.00
56 T	Ethyl methacrylate	0.328	0.298	9.1	78	0.00
57 T	1,3-Dichloropropane	0.425	0.395	7.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.149	-2.8	82	0.00
59 T	2-Hexanone	0.143	0.129	9.8	80	0.00
60 T	Dibromochloromethane	0.315	0.292	7.3	83	0.00
61 T	1,2-Dibromoethane	0.228	0.209	8.3	82	0.00
62 S	4-Bromofluorobenzene	0.388	0.390	-0.5	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.472	0.479	-1.5	86	0.00
65 PM	Chlorobenzene	1.099	1.086	1.2	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.366	1.6	88	0.00
67 C	Ethyl Benzene	1.930	1.992	-3.2#	91	0.00
68 T	m/p-Xylenes	0.746	0.773	-3.6	92	0.00
69 T	o-Xylene	0.703	0.714	-1.6	90	0.00
70 T	Styrene	1.178	1.201	-2.0	89	0.00
71 P	Bromoform	0.207	0.184	11.1	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.698	3.797	-2.7	92	0.00
74 T	N-ethyl acetate	0.830	0.764	8.0	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.509	14.6	82	0.00
76 T	1,2,3-Trichloropropane	0.510	0.478	6.3	86	0.00
77 T	Bromobenzene	0.838	0.807	3.7	87	0.00
78 T	n-propylbenzene	4.465	4.633	-3.8	93	0.00
79 T	2-Chlorotoluene	2.522	2.537	-0.6	90	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.052	-2.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.180	10.9	83	0.00
82 T	4-Chlorotoluene	2.650	2.627	0.9	89	0.00
83 T	tert-Butylbenzene	2.633	2.719	-3.3	92	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.043	-1.8	90	0.00
85 T	sec-Butylbenzene	3.961	4.158	-5.0	93	0.00
86 T	p-Isopropyltoluene	3.296	3.462	-5.0	93	0.00
87 T	1,3-Dichlorobenzene	1.683	1.655	1.7	89	0.00
88 T	1,4-Dichlorobenzene	1.672	1.616	3.3	88	0.00
89 T	n-Butylbenzene	3.101	3.267	-5.4	93	0.00
90 T	Hexachloroethane	0.657	0.645	1.8	88	0.00
91 T	1,2-Dichlorobenzene	1.483	1.399	5.7	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.083	17.8	74	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.745	11.1	81	0.00
94 T	Hexachlorobutadiene	0.474	0.438	7.6	86	0.00
95 T	Naphthalene	1.515	1.260	16.8	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.613	15.3	77	0.00

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