

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080410.D
 Acq On : 04 Jun 2025 15:13
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060425

Quant Time: Jun 05 03:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 02:27:23 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	113	0.00
2 T	Dichlorodifluoromethane	0.544	0.516	5.1	128	0.00
3 P	Chloromethane	0.961	0.890	7.4	119	0.00
4 C	Vinyl Chloride	1.078	1.005	6.8#	116	0.00
5 T	Bromomethane	0.677	0.564	16.7	109	0.00
6 T	Chloroethane	0.697	0.645	7.5	118	0.00
7 T	Trichlorofluoromethane	0.974	0.930	4.5	118	0.00
8 T	Diethyl Ether	0.322	0.321	0.3	130	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.579	0.554	4.3	120	0.00
10 T	Methyl Iodide	0.589	0.607	-3.1	115	0.00
11 T	Tert butyl alcohol	0.038	0.039	-2.6	139	0.00
12 CM	1,1-Dichloroethene	0.593	0.590	0.5#	122	0.00
13 T	Acrolein	0.058	0.050	13.8	114	0.00
14 T	Allyl chloride	1.000	0.995	0.5	121	0.00
15 T	Acrylonitrile	0.147	0.149	-1.4	124	0.00
16 T	Acetone	0.125	0.125	0.0	131	0.00
17 T	Carbon Disulfide	2.064	1.979	4.1	118	0.00
18 T	Methyl Acetate	0.408	0.400	2.0	123	0.00
19 T	Methyl tert-butyl Ether	1.326	1.440	-8.6	128	0.00
20 T	Methylene Chloride	0.723	0.711	1.7	125	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.655	-2.3	121	0.00
22 T	Diisopropyl ether	1.977	2.080	-5.2	121	0.00
23 T	Vinyl Acetate	1.144	1.210	-5.8	124	0.00
24 P	1,1-Dichloroethane	1.196	1.176	1.7	121	0.00
25 T	2-Butanone	0.181	0.184	-1.7	128	0.00
26 T	2,2-Dichloropropane	0.952	0.935	1.8	119	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.731	-1.4	121	0.00
28 T	Bromochloromethane	0.529	0.495	6.4	115	0.00
29 T	Tetrahydrofuran	0.117	0.125	-6.8	130	0.00
30 C	Chloroform	1.161	1.142	1.6#	118	0.00
31 T	Cyclohexane	1.082	1.031	4.7	117	0.00
32 T	1,1,1-Trichloroethane	0.971	0.961	1.0	119	0.00
33 S	1,2-Dichloroethane-d4	0.607	0.566	6.8	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.312	0.311	0.3	115	0.00
36 T	1,1-Dichloropropene	0.490	0.496	-1.2	120	0.00
37 T	Ethyl Acetate	0.240	0.249	-3.8	126	0.00
38 T	Carbon Tetrachloride	0.495	0.488	1.4	118	0.00
39 T	Methylcyclohexane	0.580	0.604	-4.1	120	0.00
40 TM	Benzene	1.525	1.549	-1.6	120	0.00
41 T	Methacrylonitrile	0.145	0.127	12.4	100	0.00
42 TM	1,2-Dichloroethane	0.415	0.410	1.2	119	0.00
43 T	Isopropyl Acetate	0.456	0.475	-4.2	126	0.00
44 TM	Trichloroethene	0.353	0.360	-2.0	121	0.00
45 C	1,2-Dichloropropane	0.376	0.383	-1.9#	121	0.00
46 T	Dibromomethane	0.200	0.204	-2.0	119	0.00
47 T	Bromodichloromethane	0.508	0.518	-2.0	120	0.00
48 T	Methyl methacrylate	0.224	0.237	-5.8	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	145	0.00
50 S	Toluene-d8	1.221	1.255	-2.8	111	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.255	-9.4	125	0.00
52 CM	Toluene	0.887	0.953	-7.4#	118	0.00
53 T	t-1,3-Dichloropropene	0.453	0.492	-8.6	123	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.583	-6.4	123	0.00
55 T	1,1,2-Trichloroethane	0.260	0.276	-6.2	120	0.00
56 T	Ethyl methacrylate	0.331	0.379	-14.5	128	0.00
57 T	1,3-Dichloropropane	0.447	0.474	-6.0	123	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.153	-10.1	120	0.00
59 T	2-Hexanone	0.157	0.175	-11.5	126	0.00
60 T	Dibromochloromethane	0.319	0.337	-5.6	119	0.00
61 T	1,2-Dibromoethane	0.232	0.259	-11.6	126	0.00
62 S	4-Bromofluorobenzene	0.383	0.409	-6.8	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.336	0.335	0.3	119	0.00
65 PM	Chlorobenzene	1.106	1.123	-1.5	120	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.372	-0.3	116	0.00
67 C	Ethyl Benzene	1.903	1.981	-4.1#	119	0.00
68 T	m/p-Xylenes	0.722	0.768	-6.4	118	0.00
69 T	o-Xylene	0.670	0.722	-7.8	122	0.00
70 T	Styrene	1.183	1.261	-6.6	118	0.00
71 P	Bromoform	0.210	0.217	-3.3	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	3.394	3.652	-7.6	119	0.00
74 T	N-amyl acetate	0.948	1.037	-9.4	126	0.00
75 P	1,1,2,2-Tetrachloroethane	0.702	0.715	-1.9	119	0.00
76 T	1,2,3-Trichloropropane	0.567	0.611	-7.8	120	0.00
77 T	Bromobenzene	0.842	0.886	-5.2	120	0.00
78 T	n-propylbenzene	4.408	4.590	-4.1	117	0.00
79 T	2-Chlorotoluene	2.520	2.592	-2.9	116	0.00
80 T	1,3,5-Trimethylbenzene	2.905	3.083	-6.1	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.271	-5.0	122	0.00
82 T	4-Chlorotoluene	2.683	2.813	-4.8	119	0.00
83 T	tert-Butylbenzene	2.418	2.591	-7.2	120	0.00
84 T	1,2,4-Trimethylbenzene	2.933	3.130	-6.7	117	0.00
85 T	sec-Butylbenzene	3.710	3.956	-6.6	116	0.00
86 T	p-Isopropyltoluene	3.146	3.351	-6.5	118	0.00
87 T	1,3-Dichlorobenzene	1.714	1.757	-2.5	116	0.00
88 T	1,4-Dichlorobenzene	1.746	1.718	1.6	115	0.00
89 T	n-Butylbenzene	3.104	3.064	1.3	111	0.00
90 T	Hexachloroethane	0.662	0.614	7.3	110	0.00
91 T	1,2-Dichlorobenzene	1.510	1.512	-0.1	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.104	8.8	114	0.00
93 T	1,2,4-Trichlorobenzene	0.923	0.899	2.6	111	0.00
94 T	Hexachlorobutadiene	0.460	0.451	2.0	106	0.00
95 T	Naphthalene	1.777	1.793	-0.9	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.827	0.848	-2.5	116	0.00

(#) = Out of Range

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