

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016661.D
 Acq On : 15 Dec 2023 19:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121523

Quant Time: Dec 16 00:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 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	109	0.00
2 T	Dichlorodifluoromethane	0.390	0.425	-9.0	136	0.00
3 P	Chloromethane	0.607	0.646	-6.4	128	0.00
4 C	Vinyl Chloride	0.697	0.757	-8.6#	129	0.00
5 T	Bromomethane	0.499	0.515	-3.2	129	0.00
6 T	Chloroethane	0.453	0.482	-6.4	129	0.00
7 T	Trichlorofluoromethane	0.779	0.826	-6.0	132	0.00
8 T	Diethyl Ether	0.243	0.265	-9.1	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.482	0.512	-6.2	131	0.00
10 T	Methyl Iodide	0.501	0.557	-11.2	133	0.00
11 T	Tert butyl alcohol	0.033	0.033	0.0	117	-0.01
12 CM	1,1-Dichloroethene	0.454	0.498	-9.7#	133	0.00
13 T	Acrolein	0.027	0.021	22.2	100	-0.01
14 T	Allyl chloride	0.615	0.664	-8.0	125	0.00
15 T	Acrylonitrile	0.101	0.109	-7.9	117	0.00
16 T	Acetone	0.120	0.096	20.0	113	0.00
17 T	Carbon Disulfide	1.436	1.536	-7.0	128	0.00
18 T	Methyl Acetate	0.382	0.418	-9.4	117	-0.01
19 T	Methyl tert-butyl Ether	1.064	1.206	-13.3	125	-0.01
20 T	Methylene Chloride	0.627	0.568	9.4	127	-0.01
21 T	trans-1,2-Dichloroethene	0.529	0.574	-8.5	130	0.00
22 T	Diisopropyl ether	1.319	1.486	-12.7	125	0.00
23 T	Vinyl Acetate	0.650	0.730	-12.3	122	0.00
24 P	1,1-Dichloroethane	0.861	0.921	-7.0	128	0.00
25 T	2-Butanone	0.158	0.140	11.4	114	0.00
26 T	2,2-Dichloropropane	0.764	0.826	-8.1	130	-0.01
27 T	cis-1,2-Dichloroethene	0.571	0.634	-11.0	131	0.00
28 T	Bromochloromethane	0.260	0.348	-33.8#	110	0.00
29 T	Tetrahydrofuran	0.079	0.088	-11.4	115	0.00
30 C	Chloroform	0.895	0.972	-8.6#	129	0.00
31 T	Cyclohexane	0.807	0.843	-4.5	130	0.00
32 T	1,1,1-Trichloroethane	0.803	0.874	-8.8	133	0.00
33 S	1,2-Dichloroethane-d4	0.382	0.377	1.3	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.268	0.252	6.0	90	0.00
36 T	1,1-Dichloropropene	0.444	0.487	-9.7	130	0.00
37 T	Ethyl Acetate	0.183	0.198	-8.2	116	0.00
38 T	Carbon Tetrachloride	0.446	0.501	-12.3	133	0.00
39 T	Methylcyclohexane	0.558	0.629	-12.7	132	0.00
40 TM	Benzene	1.302	1.413	-8.5	128	0.00
41 T	Methacrylonitrile	0.092	0.103	-12.0	119	-0.01
42 TM	1,2-Dichloroethane	0.333	0.367	-10.2	124	0.00
43 T	Isopropyl Acetate	0.336	0.380	-13.1	120	0.00
44 TM	Trichloroethene	0.363	0.398	-9.6	133	0.00
45 C	1,2-Dichloropropane	0.304	0.336	-10.5#	126	0.00
46 T	Dibromomethane	0.168	0.188	-11.9	122	0.00
47 T	Bromodichloromethane	0.425	0.472	-11.1	126	0.00
48 T	Methyl methacrylate	0.186	0.216	-16.1	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	116	0.00
50 S	Toluene-d8	0.944	0.964	-2.1	90	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.195	-10.8	115	0.00
52 CM	Toluene	0.816	0.897	-9.9#	128	0.00
53 T	t-1,3-Dichloropropene	0.401	0.455	-13.5	125	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.536	-11.2	126	0.00
55 T	1,1,2-Trichloroethane	0.236	0.259	-9.7	124	0.00
56 T	Ethyl methacrylate	0.205	0.241	-17.6	122	0.00
57 T	1,3-Dichloropropane	0.393	0.442	-12.5	124	0.00
58 T	2-Chloroethyl Vinyl ether	0.127	0.119	6.3	83	0.00
59 T	2-Hexanone	0.145	0.139	4.1	114	0.00
60 T	Dibromochloromethane	0.286	0.314	-9.8	124	0.00
61 T	1,2-Dibromoethane	0.222	0.247	-11.3	124	0.00
62 S	4-Bromofluorobenzene	0.344	0.315	8.4	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.410	0.445	-8.5	129	0.00
65 PM	Chlorobenzene	0.975	1.069	-9.6	129	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.399	-11.8	131	0.00
67 C	Ethyl Benzene	1.755	1.946	-10.9#	130	0.00
68 T	m/p-Xylenes	0.677	0.760	-12.3	130	0.00
69 T	o-Xylene	0.619	0.703	-13.6	132	0.00
70 T	Styrene	0.897	1.033	-15.2	129	0.00
71 P	Bromoform	0.193	0.216	-11.9	123	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.517	3.907	-11.1	131	0.00
74 T	N-amyl acetate	0.659	0.746	-13.2	119	0.00
75 P	1,1,2,2-Tetrachloroethane	0.598	0.642	-7.4	121	0.00
76 T	1,2,3-Trichloropropane	0.458	0.467	-2.0	113	0.00
77 T	Bromobenzene	0.824	0.903	-9.6	127	0.00
78 T	n-propylbenzene	4.204	4.613	-9.7	130	0.00
79 T	2-Chlorotoluene	2.308	2.529	-9.6	130	0.00
80 T	1,3,5-Trimethylbenzene	2.812	3.176	-12.9	132	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.215	-7.5	116	0.00
82 T	4-Chlorotoluene	2.387	2.598	-8.8	128	0.00
83 T	tert-Butylbenzene	2.454	2.698	-9.9	129	0.00
84 T	1,2,4-Trimethylbenzene	2.789	3.116	-11.7	129	0.00
85 T	sec-Butylbenzene	3.601	4.022	-11.7	130	0.00
86 T	p-Isopropyltoluene	3.074	3.506	-14.1	131	0.00
87 T	1,3-Dichlorobenzene	1.601	1.757	-9.7	129	0.00
88 T	1,4-Dichlorobenzene	1.575	1.735	-10.2	130	0.00
89 T	n-Butylbenzene	2.856	3.225	-12.9	130	0.00
90 T	Hexachloroethane	0.612	0.652	-6.5	129	0.00
91 T	1,2-Dichlorobenzene	1.374	1.527	-11.1	128	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.094	-8.0	120	0.00
93 T	1,2,4-Trichlorobenzene	0.742	0.868	-17.0	131	0.00
94 T	Hexachlorobutadiene	0.446	0.477	-7.0	130	0.00
95 T	Naphthalene	1.300	1.597	-22.8	126	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.612	0.720	-17.6	128	0.00

(#) = Out of Range

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