

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012062.D
 Acq On : 04 Jan 2023 09:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 05 01:03:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 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	82	0.00
2 T	Dichlorodifluoromethane	0.377	0.420	-11.4	78	0.00
3 P	Chloromethane	0.445	0.392	11.9	67	0.00
4 C	Vinyl Chloride	0.491	0.456	7.1#	71	0.00
5 T	Bromomethane	0.349	0.334	4.3	77	0.00
6 T	Chloroethane	0.321	0.312	2.8	75	0.00
7 T	Trichlorofluoromethane	0.859	0.925	-7.7	84	0.00
8 T	Diethyl Ether	0.265	0.283	-6.8	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.502	-6.1	84	0.00
10 T	Methyl Iodide	0.654	0.645	1.4	72	0.00
11 T	Tert butyl alcohol	0.065	0.046	29.2#	76	0.00
12 CM	1,1-Dichloroethene	0.473	0.477	-0.8#	79	0.00
13 T	Acrolein	0.047	0.038	19.1	71	0.00
14 T	Allyl chloride	0.697	0.664	4.7	74	0.00
15 T	Acrylonitrile	0.123	0.137	-11.4	86	0.00
16 T	Acetone	0.137	0.126	8.0	63	0.00
17 T	Carbon Disulfide	1.509	1.266	16.1	65	0.00
18 T	Methyl Acetate	0.348	0.353	-1.4	81	0.00
19 T	Methyl tert-butyl Ether	1.214	1.414	-16.5	89	0.00
20 T	Methylene Chloride	0.701	0.568	19.0	76	0.00
21 T	trans-1,2-Dichloroethene	0.538	0.545	-1.3	78	0.00
22 T	Diisopropyl ether	1.372	1.447	-5.5	81	0.00
23 T	Vinyl Acetate	0.789	0.864	-9.5	81	0.00
24 P	1,1-Dichloroethane	0.892	0.922	-3.4	82	0.00
25 T	2-Butanone	0.168	0.165	1.8	71	0.00
26 T	2,2-Dichloropropane	0.873	0.935	-7.1	86	0.00
27 T	cis-1,2-Dichloroethene	0.581	0.617	-6.2	83	0.00
28 T	Bromochloromethane	0.245	0.212	13.5	73	0.00
29 T	Tetrahydrofuran	0.095	0.102	-7.4	79	0.00
30 C	Chloroform	0.961	1.054	-9.7#	87	0.00
31 T	Cyclohexane	0.848	0.774	8.7	73	0.00
32 T	1,1,1-Trichloroethane	0.914	1.005	-10.0	88	0.00
33 S	1,2-Dichloroethane-d4	0.504	0.477	5.4	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.301	0.299	0.7	76	0.00
36 T	1,1-Dichloropropene	0.483	0.514	-6.4	80	0.00
37 T	Ethyl Acetate	0.217	0.242	-11.5	85	0.00
38 T	Carbon Tetrachloride	0.558	0.643	-15.2	87	0.00
39 T	Methylcyclohexane	0.581	0.606	-4.3	76	0.00
40 TM	Benzene	1.382	1.468	-6.2	81	0.00
41 T	Methacrylonitrile	0.105	0.133	-26.7#	89	0.00
42 TM	1,2-Dichloroethane	0.398	0.461	-15.8	88	0.00
43 T	Isopropyl Acetate	0.396	0.444	-12.1	83	0.00
44 TM	Trichloroethene	0.389	0.425	-9.3	84	0.00
45 C	1,2-Dichloropropane	0.319	0.345	-8.2#	83	0.00
46 T	Dibromomethane	0.184	0.213	-15.8	87	0.00
47 T	Bromodichloromethane	0.467	0.543	-16.3	88	0.00
48 T	Methyl methacrylate	0.183	0.205	-12.0	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	88	0.00
50 S	Toluene-d8	1.221	1.155	5.4	72	0.00
51 T	4-Methyl-2-Pentanone	0.211	0.245	-16.1	84	0.00
52 CM	Toluene	0.880	0.994	-13.0#	84	0.00
53 T	t-1,3-Dichloropropene	0.471	0.554	-17.6	88	0.00
54 T	cis-1,3-Dichloropropene	0.530	0.602	-13.6	84	0.00
55 T	1,1,2-Trichloroethane	0.261	0.306	-17.2	90	0.00
56 T	Ethyl methacrylate	0.330	0.400	-21.2	87	0.00
57 T	1,3-Dichloropropane	0.436	0.502	-15.1	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.127	0.124	2.4	77	0.00
59 T	2-Hexanone	0.155	0.174	-12.3	77	0.00
60 T	Dibromochloromethane	0.329	0.408	-24.0	92	0.00
61 T	1,2-Dibromoethane	0.244	0.285	-16.8	87	0.00
62 S	4-Bromofluorobenzene	0.411	0.417	-1.5	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.438	0.495	-13.0	88	0.00
65 PM	Chlorobenzene	1.038	1.145	-10.3	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.446	-15.5	90	0.00
67 C	Ethyl Benzene	1.877	2.078	-10.7#	85	0.00
68 T	m/p-Xylenes	0.730	0.821	-12.5	86	0.00
69 T	o-Xylene	0.679	0.773	-13.8	87	0.00
70 T	Styrene	1.140	1.322	-16.0	88	0.00
71 P	Bromoform	0.229	0.284	-24.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.710	4.060	-9.4	88	0.00
74 T	N-amyl acetate	0.761	0.843	-10.8	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.619	0.672	-8.6	90	0.00
76 T	1,2,3-Trichloropropane	0.622	0.553	11.1	73	0.00
77 T	Bromobenzene	0.858	0.954	-11.2	92	0.00
78 T	n-propylbenzene	4.460	4.768	-6.9	86	0.00
79 T	2-Chlorotoluene	2.507	2.677	-6.8	87	0.00
80 T	1,3,5-Trimethylbenzene	3.177	3.489	-9.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.227	0.250	-10.1	89	0.00
82 T	4-Chlorotoluene	2.594	2.786	-7.4	87	0.00
83 T	tert-Butylbenzene	2.692	3.024	-12.3	89	0.00
84 T	1,2,4-Trimethylbenzene	3.125	3.480	-11.4	89	0.00
85 T	sec-Butylbenzene	4.020	4.404	-9.6	89	0.00
86 T	p-Isopropyltoluene	3.392	3.874	-14.2	91	0.00
87 T	1,3-Dichlorobenzene	1.726	1.915	-11.0	92	0.00
88 T	1,4-Dichlorobenzene	1.716	1.898	-10.6	92	0.00
89 T	n-Butylbenzene	3.071	3.411	-11.1	89	0.00
90 T	Hexachloroethane	0.647	0.714	-10.4	91	0.00
91 T	1,2-Dichlorobenzene	1.505	1.709	-13.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.127	-19.8	96	0.00
93 T	1,2,4-Trichlorobenzene	0.885	1.090	-23.2	96	0.00
94 T	Hexachlorobutadiene	0.572	0.675	-18.0	97	0.00
95 T	Naphthalene	1.644	2.148	-30.7#	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.951	-27.0#	99	0.00

(#) = Out of Range

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