

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013380.D
 Acq On : 20 Apr 2023 19:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 21 02:16:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	43#	0.00
2 T	Dichlorodifluoromethane	0.450	0.718	-59.6#	71	0.00
3 P	Chloromethane	0.564	1.004	-78.0#	80	0.00
4 C	Vinyl Chloride	0.535	1.054	-97.0#	88	0.00
5 T	Bromomethane	0.410	0.753	-83.7#	85	0.00
6 T	Chloroethane	0.360	0.669	-85.8#	85	0.00
7 T	Trichlorofluoromethane	0.832	1.815	-118.1#	99	0.00
8 T	Diethyl Ether	0.302	0.673	-122.8#	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	1.076	-120.0#	98	0.00
10 T	Methyl Iodide	0.600	1.399	-133.2#	96	0.00
11 T	Tert butyl alcohol	0.096	0.073	24.0	42#	0.01
12 CM	1,1-Dichloroethene	0.470	1.021	-117.2#	96	0.00
13 T	Acrolein	0.074	0.156	-110.8#	91	0.00
14 T	Allyl chloride	0.899	1.182	-31.5#	58	0.00
15 T	Acrylonitrile	0.174	0.133	23.6	32#	0.00
16 T	Acetone	0.207	0.395	-90.8#	80	0.00
17 T	Carbon Disulfide	1.549	2.962	-91.2#	85	0.00
18 T	Methyl Acetate	0.668	1.029	-54.0#	65	0.00
19 T	Methyl tert-butyl Ether	1.409	1.667	-18.3	50	0.00
20 T	Methylene Chloride	0.641	0.645	-0.6	52	0.00
21 T	trans-1,2-Dichloroethene	0.537	0.489	8.9	40#	0.00
22 T	Diisopropyl ether	1.771	1.139	35.7#	27#	0.00
23 T	Vinyl Acetate	1.120	0.998	10.9	37#	0.00
24 P	1,1-Dichloroethane	0.989	0.890	10.0	40#	0.00
25 T	2-Butanone	0.265	0.167	37.0#	26#	0.00
26 T	2,2-Dichloropropane	0.888	1.016	-14.4	52	0.00
27 T	cis-1,2-Dichloroethene	0.584	0.568	2.7	42#	0.00
28 T	Bromochloromethane	0.394	0.262	33.5#	29#	0.01
29 T	Tetrahydrofuran	0.161	0.085	47.2#	21#	0.00
30 C	Chloroform	1.001	1.136	-13.5#	51	0.00
31 T	Cyclohexane	0.909	0.434	52.3#	22#	0.00
32 T	1,1,1-Trichloroethane	0.906	1.214	-34.0#	61	0.00
33 S	1,2-Dichloroethane-d4	0.601	0.693	-15.3	50	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	41#	0.00
35 S	Dibromofluoromethane	0.324	0.330	-1.9	43#	0.00
36 T	1,1-Dichloropropene	0.490	0.374	23.7	33#	0.00
37 T	Ethyl Acetate	0.395	0.276	30.1#	28#	0.00
38 T	Carbon Tetrachloride	0.542	0.757	-39.7#	61	0.00
39 T	Methylcyclohexane	0.570	0.872	-53.0#	63	0.00
40 TM	Benzene	1.419	1.117	21.3	34#	0.00
41 T	Methacrylonitrile	0.164	0.189	-15.2	48#	0.00
42 TM	1,2-Dichloroethane	0.481	0.645	-34.1#	57	0.00
43 T	Isopropyl Acetate	0.657	0.528	19.6	33#	0.00
44 TM	Trichloroethene	0.366	0.479	-30.9#	57	0.00
45 C	1,2-Dichloropropane	0.368	0.335	9.0#	39#	0.00
46 T	Dibromomethane	0.222	0.255	-14.9	48#	0.00
47 T	Bromodichloromethane	0.507	0.649	-28.0#	56	0.00
48 T	Methyl methacrylate	0.302	0.277	8.3	36#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	29#	0.00
50 S	Toluene-d8	1.205	1.317	-9.3	45#	0.00
51 T	4-Methyl-2-Pentanone	0.357	0.347	2.8	38#	0.00
52 CM	Toluene	0.857	0.963	-12.4#	48#	0.00
53 T	t-1,3-Dichloropropene	0.531	0.913	-71.9#	72	0.00
54 T	cis-1,3-Dichloropropene	0.582	0.704	-21.0	51	0.00
55 T	1,1,2-Trichloroethane	0.292	0.326	-11.6	48#	0.00
56 T	Ethyl methacrylate	0.400	0.473	-18.2	46#	0.00
57 T	1,3-Dichloropropane	0.497	0.687	-38.2#	58	0.00
58 T	2-Chloroethyl Vinyl ether	0.167	0.217	-29.9#	55	0.00
59 T	2-Hexanone	0.260	0.244	6.2	36#	0.00
60 T	Dibromochloromethane	0.367	0.845	-130.2#	98	0.00
61 T	1,2-Dibromoethane	0.285	0.426	-49.5#	62	0.01
62 S	4-Bromofluorobenzene	0.391	0.912	-133.2#	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	51	0.00
64 T	Tetrachloroethene	0.353	0.527	-49.3#	80	0.00
65 PM	Chlorobenzene	1.046	1.125	-7.6	58	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.496	-26.2#	66	0.00
67 C	Ethyl Benzene	1.822	1.945	-6.8#	55	0.00
68 T	m/p-Xylenes	0.697	0.761	-9.2	57	0.00
69 T	o-Xylene	0.646	0.707	-9.4	56	0.00
70 T	Styrene	1.090	1.197	-9.8	56	0.00
71 P	Bromoform	0.272	0.404	-48.5#	76	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.430	2.658	22.5	70	0.00
74 T	N-amyl acetate	1.224	0.497	59.4#	35#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.847	0.971	-14.6	104	0.00
76 T	1,2,3-Trichloropropane	0.623	0.705	-13.2	103	0.00
77 T	Bromobenzene	0.858	0.991	-15.5	104	0.00
78 T	n-propylbenzene	4.236	4.541	-7.2	95	0.00
79 T	2-Chlorotoluene	2.384	2.562	-7.5	96	0.00
80 T	1,3,5-Trimethylbenzene	2.873	3.183	-10.8	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.300	0.264	12.0	77	0.00
82 T	4-Chlorotoluene	2.514	2.662	-5.9	96	0.00
83 T	tert-Butylbenzene	2.465	2.798	-13.5	101	0.00
84 T	1,2,4-Trimethylbenzene	2.796	3.136	-12.2	99	0.00
85 T	sec-Butylbenzene	3.686	3.952	-7.2	96	0.00
86 T	p-Isopropyltoluene	3.025	3.301	-9.1	97	0.00
87 T	1,3-Dichlorobenzene	1.653	1.806	-9.3	101	0.00
88 T	1,4-Dichlorobenzene	1.671	1.802	-7.8	100	0.00
89 T	n-Butylbenzene	2.893	2.940	-1.6	91	0.00
90 T	Hexachloroethane	0.631	0.401	36.5#	60	0.00
91 T	1,2-Dichlorobenzene	1.504	1.629	-8.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.122	20.8	70	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.729	18.5	73	0.00
94 T	Hexachlorobutadiene	0.529	0.433	18.1	76	0.00
95 T	Naphthalene	1.948	1.501	22.9	65	0.00

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96 T	1,2,3-Trichlorobenzene	0.815	1.001	-22.8	111	0.00

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