

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013748.D
 Acq On : 15 May 2023 19:55
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 16 01:36:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	79	0.00
2 T	Dichlorodifluoromethane	0.475	0.468	1.5	75	0.00
3 P	Chloromethane	0.637	0.663	-4.1	84	0.00
4 C	Vinyl Chloride	0.634	0.673	-6.2#	86	0.00
5 T	Bromomethane	0.506	0.516	-2.0	86	0.00
6 T	Chloroethane	0.438	0.441	-0.7	84	0.00
7 T	Trichlorofluoromethane	0.961	1.027	-6.9	85	0.00
8 T	Diethyl Ether	0.327	0.341	-4.3	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.595	-10.4	90	0.00
10 T	Methyl Iodide	0.677	0.675	0.3	72	0.00
11 T	Tert butyl alcohol	0.066	0.058	12.1	80	-0.01
12 CM	1,1-Dichloroethene	0.520	0.538	-3.5#	81	0.00
13 T	Acrolein	0.054	0.030	44.4#	52	0.00
14 T	Allyl chloride	0.964	1.058	-9.8	85	0.00
15 T	Acrylonitrile	0.183	0.197	-7.7	82	0.00
16 T	Acetone	0.216	0.184	14.8	61	0.00
17 T	Carbon Disulfide	1.688	1.518	10.1	69	0.00
18 T	Methyl Acetate	0.713	0.772	-8.3	84	0.00
19 T	Methyl tert-butyl Ether	1.500	1.693	-12.9	86	0.00
20 T	Methylene Chloride	0.924	0.753	18.5	89	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.620	-9.2	84	0.00
22 T	Diisopropyl ether	1.885	2.309	-22.5	95	0.00
23 T	Vinyl Acetate	1.067	1.360	-27.5#	95	0.00
24 P	1,1-Dichloroethane	1.050	1.232	-17.3	92	0.00
25 T	2-Butanone	0.274	0.269	1.8	74	0.00
26 T	2,2-Dichloropropane	0.905	1.012	-11.8	88	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.713	-13.5	89	0.00
28 T	Bromochloromethane	0.373	0.416	-11.5	89	0.00
29 T	Tetrahydrofuran	0.170	0.175	-2.9	78	0.00
30 C	Chloroform	1.044	1.222	-17.0#	93	0.00
31 T	Cyclohexane	0.981	0.984	-0.3	82	0.00
32 T	1,1,1-Trichloroethane	0.932	1.066	-14.4	90	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.572	-4.4	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.314	0.349	-11.1	94	0.00
36 T	1,1-Dichloropropene	0.522	0.568	-8.8	87	0.00
37 T	Ethyl Acetate	0.393	0.387	1.5	75	0.00
38 T	Carbon Tetrachloride	0.547	0.610	-11.5	88	0.00
39 T	Methylcyclohexane	0.615	0.652	-6.0	83	0.00
40 TM	Benzene	1.470	1.648	-12.1	88	0.00
41 T	Methacrylonitrile	0.183	0.158	13.7	66	0.00
42 TM	1,2-Dichloroethane	0.481	0.535	-11.2	87	0.00
43 T	Isopropyl Acetate	0.663	0.709	-6.9	82	0.00
44 TM	Trichloroethene	0.391	0.422	-7.9	85	0.00
45 C	1,2-Dichloropropane	0.384	0.454	-18.2#	93	0.00
46 T	Dibromomethane	0.230	0.251	-9.1	86	0.00
47 T	Bromodichloromethane	0.515	0.610	-18.4	93	0.00
48 T	Methyl methacrylate	0.304	0.323	-6.3	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	73	0.00
50 S	Toluene-d8	1.119	1.124	-0.4	85	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.396	-7.3	81	0.00
52 CM	Toluene	0.885	1.016	-14.8#	90	0.00
53 T	t-1,3-Dichloropropene	0.545	0.624	-14.5	88	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.698	-13.9	89	0.00
55 T	1,1,2-Trichloroethane	0.305	0.343	-12.5	89	0.00
56 T	Ethyl methacrylate	0.423	0.480	-13.5	84	0.00
57 T	1,3-Dichloropropane	0.516	0.592	-14.7	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.159	-0.6	85	0.00
59 T	2-Hexanone	0.269	0.274	-1.9	75	0.00
60 T	Dibromochloromethane	0.370	0.430	-16.2	89	0.00
61 T	1,2-Dibromoethane	0.299	0.332	-11.0	86	0.00
62 S	4-Bromofluorobenzene	0.377	0.430	-14.1	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.380	0.407	-7.1	88	0.00
65 PM	Chlorobenzene	1.089	1.197	-9.9	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.470	-15.5	95	0.00
67 C	Ethyl Benzene	1.913	2.186	-14.3#	92	0.00
68 T	m/p-Xylenes	0.727	0.822	-13.1	91	0.00
69 T	o-Xylene	0.688	0.785	-14.1	91	0.00
70 T	Styrene	1.150	1.345	-17.0	93	0.00
71 P	Bromoform	0.285	0.318	-11.6	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.782	4.167	-10.2	94	0.00
74 T	N-amyl acetate	1.346	1.399	-3.9	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.943	-2.1	87	0.00
76 T	1,2,3-Trichloropropane	0.674	0.673	0.1	84	0.00
77 T	Bromobenzene	0.916	0.997	-8.8	93	0.00
78 T	n-propylbenzene	4.658	5.162	-10.8	95	0.00
79 T	2-Chlorotoluene	2.601	2.881	-10.8	95	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.434	-11.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.325	1.5	81	0.00
82 T	4-Chlorotoluene	2.711	3.018	-11.3	96	0.00
83 T	tert-Butylbenzene	2.674	3.031	-13.4	96	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.452	-15.0	97	0.00
85 T	sec-Butylbenzene	4.014	4.506	-12.3	96	0.00
86 T	p-Isopropyltoluene	3.228	3.684	-14.1	98	0.00
87 T	1,3-Dichlorobenzene	1.746	1.954	-11.9	97	0.00
88 T	1,4-Dichlorobenzene	1.764	1.933	-9.6	96	0.00
89 T	n-Butylbenzene	3.150	3.578	-13.6	98	0.00
90 T	Hexachloroethane	0.679	0.744	-9.6	97	0.00
91 T	1,2-Dichlorobenzene	1.577	1.763	-11.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.156	4.3	84	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.077	-14.6	100	0.00
94 T	Hexachlorobutadiene	0.547	0.647	-18.3	106	0.00
95 T	Naphthalene	2.039	2.223	-9.0	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.982	-17.2	101	0.00

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