

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081721\  
 Data File : VY005725.D  
 Acq On : 17 Aug 2021 20:57  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 18 01:54:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 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	64	0.00
2 T	Dichlorodifluoromethane	0.411	0.410	0.2	70	0.00
3 P	Chloromethane	0.491	0.516	-5.1	69	0.00
4 C	Vinyl Chloride	0.588	0.655	-11.4#	72	0.00
5 T	Bromomethane	0.387	0.498	-28.7#	85	0.00
6 T	Chloroethane	0.355	0.451	-27.0#	77	0.00
7 T	Trichlorofluoromethane	0.787	0.888	-12.8	70	0.00
8 T	Diethyl Ether	0.275	0.287	-4.4	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.427	0.439	-2.8	68	0.00
10 T	Methyl Iodide	0.532	0.516	3.0	63	0.00
11 T	Tert butyl alcohol	0.050	0.044	12.0	70	0.02
12 CM	1,1-Dichloroethene	0.431	0.425	1.4#	65	0.00
13 T	Acrolein	0.030	0.024	20.0	52	0.00
14 T	Allyl chloride	0.755	0.816	-8.1	71	0.00
15 T	Acrylonitrile	0.141	0.148	-5.0	77	0.00
16 T	Acetone	0.128	0.113	11.7	61	0.00
17 T	Carbon Disulfide	1.328	1.246	6.2	63	0.00
18 T	Methyl Acetate	0.334	0.379	-13.5	88	0.01
19 T	Methyl tert-butyl Ether	1.335	1.449	-8.5	74	0.00
20 T	Methylene Chloride	0.641	0.559	12.8	71	0.00
21 T	trans-1,2-Dichloroethene	0.482	0.493	-2.3	69	0.00
22 T	Diisopropyl ether	1.557	1.771	-13.7	75	0.00
23 T	Vinyl Acetate	1.036	1.153	-11.3	76	0.00
24 P	1,1-Dichloroethane	0.863	0.950	-10.1	72	0.00
25 T	2-Butanone	0.189	0.194	-2.6	74	0.00
26 T	2,2-Dichloropropane	0.788	0.793	-0.6	65	0.00
27 T	cis-1,2-Dichloroethene	0.548	0.591	-7.8	71	0.00
28 T	Bromochloromethane	0.344	0.363	-5.5	76	0.00
29 T	Tetrahydrofuran	0.125	0.131	-4.8	80	0.00
30 C	Chloroform	0.881	0.985	-11.8#	74	0.00
31 T	Cyclohexane	0.868	0.828	4.6	65	0.00
32 T	1,1,1-Trichloroethane	0.810	0.893	-10.2	72	0.00
33 S	1,2-Dichloroethane-d4	0.506	0.542	-7.1	70	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.280	0.289	-3.2	66	0.00
36 T	1,1-Dichloropropene	0.469	0.479	-2.1	69	0.00
37 T	Ethyl Acetate	0.284	0.299	-5.3	80	0.00
38 T	Carbon Tetrachloride	0.510	0.540	-5.9	71	0.00
39 T	Methylcyclohexane	0.597	0.581	2.7	65	0.00
40 TM	Benzene	1.343	1.419	-5.7	71	0.00
41 T	Methacrylonitrile	0.154	0.166	-7.8	68	-0.01
42 TM	1,2-Dichloroethane	0.436	0.477	-9.4	77	0.00
43 T	Isopropyl Acetate	0.538	0.585	-8.7	81	0.00
44 TM	Trichloroethene	0.367	0.386	-5.2	71	0.00
45 C	1,2-Dichloropropane	0.336	0.363	-8.0#	73	0.00
46 T	Dibromomethane	0.186	0.199	-7.0	76	0.00
47 T	Bromodichloromethane	0.465	0.510	-9.7	74	0.00
48 T	Methyl methacrylate	0.243	0.267	-9.9	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	72	0.01
50 S	Toluene-d8	1.174	1.179	-0.4	64	0.00
51 T	4-Methyl-2-Pentanone	0.283	0.319	-12.7	84	0.00
52 CM	Toluene	0.856	0.905	-5.7#	71	0.00
53 T	t-1,3-Dichloropropene	0.520	0.548	-5.4	72	0.00
54 T	cis-1,3-Dichloropropene	0.564	0.599	-6.2	71	0.00
55 T	1,1,2-Trichloroethane	0.269	0.286	-6.3	73	0.00
56 T	Ethyl methacrylate	0.402	0.435	-8.2	77	0.00
57 T	1,3-Dichloropropane	0.474	0.514	-8.4	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.192	0.225	-17.2	81	0.00
59 T	2-Hexanone	0.200	0.221	-10.5	82	0.00
60 T	Dibromochloromethane	0.333	0.356	-6.9	75	0.00
61 T	1,2-Dibromoethane	0.255	0.275	-7.8	76	0.00
62 S	4-Bromofluorobenzene	0.389	0.402	-3.3	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.381	0.402	-5.5	74	0.00
65 PM	Chlorobenzene	1.006	1.052	-4.6	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.402	-6.1	73	0.00
67 C	Ethyl Benzene	1.824	1.900	-4.2#	71	0.00
68 T	m/p-Xylenes	0.709	0.737	-3.9	71	0.00
69 T	o-Xylene	0.681	0.717	-5.3	72	0.00
70 T	Styrene	1.146	1.227	-7.1	73	0.00
71 P	Bromoform	0.246	0.261	-6.1	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73 T	Isopropylbenzene	3.490	3.537	-1.3	71	0.00
74 T	N-amyl acetate	1.051	1.114	-6.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.671	0.701	-4.5	81	0.00
76 T	1,2,3-Trichloropropane	0.518	0.476	8.1	71	0.00
77 T	Bromobenzene	0.857	0.880	-2.7	74	0.00
78 T	n-propylbenzene	4.145	4.237	-2.2	72	0.00
79 T	2-Chlorotoluene	2.328	2.393	-2.8	73	0.00
80 T	1,3,5-Trimethylbenzene	2.896	2.951	-1.9	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.257	0.253	1.6	77	0.00
82 T	4-Chlorotoluene	2.408	2.497	-3.7	74	0.00
83 T	tert-Butylbenzene	2.599	2.630	-1.2	71	0.00
84 T	1,2,4-Trimethylbenzene	2.858	2.969	-3.9	73	0.00
85 T	sec-Butylbenzene	3.749	3.825	-2.0	71	0.00
86 T	p-Isopropyltoluene	3.219	3.287	-2.1	71	0.00
87 T	1,3-Dichlorobenzene	1.673	1.718	-2.7	73	0.00
88 T	1,4-Dichlorobenzene	1.660	1.688	-1.7	74	0.00
89 T	n-Butylbenzene	2.916	2.983	-2.3	72	0.00
90 T	Hexachloroethane	0.579	0.606	-4.7	74	0.00
91 T	1,2-Dichlorobenzene	1.478	1.543	-4.4	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.127	0.136	-7.1	88	0.00
93 T	1,2,4-Trichlorobenzene	1.015	1.061	-4.5	77	0.00
94 T	Hexachlorobutadiene	0.657	0.661	-0.6	71	0.00
95 T	Naphthalene	2.001	2.138	-6.8	83	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.899	0.941	-4.7	78	0.00

(#) = Out of Range

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