

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102220\  
 Data File : VD067354.D  
 Acq On : 22 Oct 2020 10:07  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 22 14:59:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	0.454	0.365	19.6	86	0.00
3 P	Chloromethane	0.315	0.261	17.1	88	0.00
4 C	Vinyl Chloride	0.345	0.300	13.0#	89	0.00
5 T	Bromomethane	0.267	0.236	11.6	94	0.00
6 T	Chloroethane	0.215	0.192	10.7	94	0.00
7 T	Trichlorofluoromethane	0.869	0.799	8.1	95	0.00
8 T	Diethyl Ether	0.199	0.176	11.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.425	8.0	96	0.00
10 T	Methyl Iodide	0.426	0.394	7.5	87	0.00
11 T	Tert butyl alcohol	0.036	0.021	41.7#	82	-0.02
12 CM	1,1-Dichloroethene	0.413	0.380	8.0#	93	0.00
13 T	Acrolein	0.026	0.027	-3.8	86	0.00
14 T	Allyl chloride	0.473	0.421	11.0	89	0.00
15 T	Acrylonitrile	0.066	0.060	9.1	93	0.01
16 T	Acetone	0.070	0.074	-5.7	112	0.00
17 T	Carbon Disulfide	1.176	1.005	14.5	88	0.00
18 T	Methyl Acetate	0.160	0.141	11.9	100	0.00
19 T	Methyl tert-butyl Ether	0.821	0.766	6.7	93	0.00
20 T	Methylene Chloride	0.529	0.414	21.7#	89	0.00
21 T	trans-1,2-Dichloroethene	0.475	0.435	8.4	94	0.00
22 T	Diisopropyl ether	0.863	0.820	5.0	94	0.00
23 T	Vinyl Acetate	0.491	0.480	2.2	93	0.00
24 P	1,1-Dichloroethane	0.739	0.681	7.8	94	0.00
25 T	2-Butanone	0.080	0.071	11.3	93	0.00
26 T	2,2-Dichloropropane	0.762	0.733	3.8	99	0.00
27 T	cis-1,2-Dichloroethene	0.520	0.488	6.2	94	0.00
28 T	Bromochloromethane	0.252	0.248	1.6	92	0.00
29 T	Tetrahydrofuran	0.044	0.042	4.5	94	-0.01
30 C	Chloroform	0.883	0.836	5.3#	96	0.00
31 T	Cyclohexane	0.577	0.516	10.6	96	0.00
32 T	1,1,1-Trichloroethane	0.866	0.821	5.2	96	0.00
33 S	1,2-Dichloroethane-d4	0.501	0.457	8.8	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.333	0.334	-0.3	89	0.00
36 T	1,1-Dichloropropene	0.424	0.416	1.9	95	0.00
37 T	Ethyl Acetate	0.125	0.121	3.2	93	0.00
38 T	Carbon Tetrachloride	0.542	0.550	-1.5	96	0.00
39 T	Methylcyclohexane	0.443	0.448	-1.1	94	0.00
40 TM	Benzene	1.163	1.146	1.5	95	0.00
41 T	Methacrylonitrile	0.067	0.072	-7.5	120	0.00
42 TM	1,2-Dichloroethane	0.364	0.362	0.5	95	0.00
43 T	Isopropyl Acetate	0.247	0.237	4.0	94	0.00
44 TM	Trichloroethene	0.372	0.373	-0.3	95	0.00
45 C	1,2-Dichloropropane	0.269	0.257	4.5#	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102220\  
 Data File : VD067354.D  
 Acq On : 22 Oct 2020 10:07  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 22 14:59:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.168	0.169	-0.6	101	0.00
47 T	Bromodichloromethane	0.450	0.457	-1.6	99	0.00
48 T	Methyl methacrylate	0.120	0.113	5.8	94	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.204	1.211	-0.6	88	0.00
51 T	4-Methyl-2-Pentanone	0.123	0.121	1.6	95	0.00
52 CM	Toluene	0.792	0.829	-4.7#	99	0.00
53 T	t-1,3-Dichloropropene	0.395	0.401	-1.5	96	0.00
54 T	cis-1,3-Dichloropropene	0.462	0.456	1.3	94	0.00
55 T	1,1,2-Trichloroethane	0.229	0.221	3.5	95	0.00
56 T	Ethyl methacrylate	0.237	0.239	-0.8	95	0.00
57 T	1,3-Dichloropropane	0.364	0.361	0.8	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.124	-1.6	94	0.00
59 T	2-Hexanone	0.084	0.088	-4.8	98	0.00
60 T	Dibromochloromethane	0.334	0.318	4.8	93	0.00
61 T	1,2-Dibromoethane	0.226	0.214	5.3	93	0.00
62 S	4-Bromofluorobenzene	0.419	0.425	-1.4	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.362	0.355	1.9	96	0.00
65 PM	Chlorobenzene	0.959	0.959	0.0	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.381	0.395	-3.7	98	0.00
67 C	Ethyl Benzene	1.644	1.694	-3.0#	96	0.00
68 T	m/p-Xylenes	0.633	0.657	-3.8	97	0.00
69 T	o-Xylene	0.586	0.593	-1.2	97	0.00
70 T	Styrene	1.009	1.047	-3.8	96	0.00
71 P	Bromoform	0.205	0.203	1.0	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.173	3.376	-6.4	97	0.00
74 T	N-amyl acetate	0.479	0.476	0.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.486	0.472	2.9	94	0.00
76 T	1,2,3-Trichloropropane	0.347	0.278	19.9	86	0.00
77 T	Bromobenzene	0.791	0.804	-1.6	97	0.00
78 T	n-propylbenzene	3.677	3.874	-5.4	96	0.00
79 T	2-Chlorotoluene	2.132	2.185	-2.5	96	0.00
80 T	1,3,5-Trimethylbenzene	2.758	2.890	-4.8	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.153	0.147	3.9	96	0.00
82 T	4-Chlorotoluene	2.263	2.347	-3.7	98	0.00
83 T	tert-Butylbenzene	2.329	2.519	-8.2	98	0.00
84 T	1,2,4-Trimethylbenzene	2.726	2.856	-4.8	95	0.00
85 T	sec-Butylbenzene	3.196	3.349	-4.8	96	0.00
86 T	p-Isopropyltoluene	3.017	3.176	-5.3	97	0.00
87 T	1,3-Dichlorobenzene	1.523	1.533	-0.7	99	0.00
88 T	1,4-Dichlorobenzene	1.509	1.521	-0.8	99	0.00
89 T	n-Butylbenzene	2.654	2.813	-6.0	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102220\  
 Data File : VD067354.D  
 Acq On : 22 Oct 2020 10:07  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 22 14:59:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.526	0.544	-3.4	99	0.00
91 T	1,2-Dichlorobenzene	1.330	1.325	0.4	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.081	8.0	96	0.00
93 T	1,2,4-Trichlorobenzene	0.897	0.938	-4.6	99	0.00
94 T	Hexachlorobutadiene	0.557	0.603	-8.3	101	0.00
95 T	Naphthalene	1.473	1.520	-3.2	95	0.00
96 T	1,2,3-Trichlorobenzene	0.775	0.805	-3.9	98	0.00

(#) = Out of Range

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