

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081920\  
 Data File : VD066329.D  
 Acq On : 19 Aug 2020 20:02  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 20 07:52:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 05 13:49:25 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	63	0.00
2 T	Dichlorodifluoromethane	0.441	0.340	22.9#	55	0.00
3 P	Chloromethane	0.343	0.289	15.7	61	0.00
4 C	Vinyl Chloride	0.303	0.296	2.3#	67	0.01
5 T	Bromomethane	0.201	0.213	-6.0	70	0.00
6 T	Chloroethane	0.186	0.190	-2.2	71	0.00
7 T	Trichlorofluoromethane	0.791	0.783	1.0	67	0.01
8 T	Diethyl Ether	0.223	0.216	3.1	63	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.440	6.2	62	0.00
10 T	Methyl Iodide	0.353	0.464	-31.4#	81	0.00
11 T	Tert butyl alcohol	0.046	0.033	28.3#	65	-0.02
12 CM	1,1-Dichloroethene	0.443	0.415	6.3#	62	0.01
13 T	Acrolein	0.036	0.028	22.2#	55	0.00
14 T	Allyl chloride	0.671	0.632	5.8	61	0.00
15 T	Acrylonitrile	0.094	0.095	-1.1	65	0.00
16 T	Acetone	0.085	0.077	9.4	57	0.01
17 T	Carbon Disulfide	1.408	1.116	20.7#	53	0.00
18 T	Methyl Acetate	0.215	0.220	-2.3	71	0.00
19 T	Methyl tert-butyl Ether	1.015	1.088	-7.2	70	0.00
20 T	Methylene Chloride	0.576	0.556	3.5	72	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.470	7.7	61	0.00
22 T	Diisopropyl ether	1.327	1.286	3.1	63	0.00
23 T	Vinyl Acetate	0.777	0.771	0.8	63	0.00
24 P	1,1-Dichloroethane	0.821	0.825	-0.5	66	0.00
25 T	2-Butanone	0.124	0.112	9.7	60	0.00
26 T	2,2-Dichloropropane	0.736	0.768	-4.3	70	0.00
27 T	cis-1,2-Dichloroethene	0.534	0.552	-3.4	67	0.00
28 T	Bromochloromethane	0.288	0.296	-2.8	64	0.00
29 T	Tetrahydrofuran	0.077	0.074	3.9	61	0.00
30 C	Chloroform	0.862	0.930	-7.9#	71	0.00
31 T	Cyclohexane	0.781	0.641	17.9	57	0.00
32 T	1,1,1-Trichloroethane	0.808	0.884	-9.4	71	0.00
33 S	1,2-Dichloroethane-d4	0.446	0.508	-13.9	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.00
35 S	Dibromofluoromethane	0.317	0.334	-5.4	67	0.00
36 T	1,1-Dichloropropene	0.470	0.454	3.4	64	0.00
37 T	Ethyl Acetate	0.186	0.174	6.5	65	0.00
38 T	Carbon Tetrachloride	0.524	0.544	-3.8	71	0.00
39 T	Methylcyclohexane	0.568	0.513	9.7	60	0.00
40 TM	Benzene	1.303	1.271	2.5	66	0.00
41 T	Methacrylonitrile	0.109	0.121	-11.0	76	0.00
42 TM	1,2-Dichloroethane	0.383	0.414	-8.1	73	0.00
43 T	Isopropyl Acetate	0.367	0.370	-0.8	68	0.00
44 TM	Trichloroethene	0.393	0.398	-1.3	68	0.00
45 C	1,2-Dichloropropane	0.319	0.309	3.1#	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.183	-4.0	68	0.00
47 T	Bromodichloromethane	0.464	0.496	-6.9	71	0.00
48 T	Methyl methacrylate	0.187	0.171	8.6	58	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	60	0.00
50 S	Toluene-d8	1.169	1.202	-2.8	64	0.00
51 T	4-Methyl-2-Pentanone	0.188	0.184	2.1	65	0.00
52 CM	Toluene	0.858	0.836	2.6#	64	0.00
53 T	t-1,3-Dichloropropene	0.440	0.463	-5.2	69	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.525	-1.7	67	0.00
55 T	1,1,2-Trichloroethane	0.253	0.257	-1.6	69	0.00
56 T	Ethyl methacrylate	0.304	0.316	-3.9	67	0.00
57 T	1,3-Dichloropropane	0.420	0.426	-1.4	67	0.00
58 T	2-Chloroethyl Vinyl ether	0.137	0.150	-9.5	70	0.00
59 T	2-Hexanone	0.132	0.126	4.5	63	0.00
60 T	Dibromochloromethane	0.349	0.364	-4.3	69	0.00
61 T	1,2-Dibromoethane	0.243	0.254	-4.5	69	0.00
62 S	4-Bromofluorobenzene	0.421	0.432	-2.6	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
64 T	Tetrachloroethene	0.384	0.362	5.7	66	0.00
65 PM	Chlorobenzene	1.015	1.010	0.5	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.415	-4.5	71	0.00
67 C	Ethyl Benzene	1.759	1.773	-0.8#	69	0.00
68 T	m/p-Xylenes	0.681	0.658	3.4	65	0.00
69 T	o-Xylene	0.620	0.634	-2.3	69	0.00
70 T	Styrene	1.086	1.117	-2.9	68	0.00
71 P	Bromoform	0.235	0.249	-6.0	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.338	3.536	-5.9	68	0.00
74 T	N-amyl acetate	0.735	0.732	0.4	63	0.00
75 P	1,1,2,2-Tetrachloroethane	0.569	0.572	-0.5	68	0.00
76 T	1,2,3-Trichloropropane	0.417	0.373	10.6	62	0.00
77 T	Bromobenzene	0.859	0.890	-3.6	68	0.00
78 T	n-propylbenzene	3.880	4.047	-4.3	68	0.00
79 T	2-Chlorotoluene	2.219	2.356	-6.2	69	0.00
80 T	1,3,5-Trimethylbenzene	2.791	2.957	-5.9	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.190	-0.5	65	0.00
82 T	4-Chlorotoluene	2.342	2.416	-3.2	67	0.00
83 T	tert-Butylbenzene	2.455	2.584	-5.3	67	0.00
84 T	1,2,4-Trimethylbenzene	2.793	2.950	-5.6	67	0.00
85 T	sec-Butylbenzene	3.314	3.453	-4.2	67	0.00
86 T	p-Isopropyltoluene	3.108	3.247	-4.5	67	0.00
87 T	1,3-Dichlorobenzene	1.615	1.646	-1.9	68	0.00
88 T	1,4-Dichlorobenzene	1.610	1.641	-1.9	67	0.00
89 T	n-Butylbenzene	2.785	2.916	-4.7	67	0.00

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90 T	Hexachloroethane	0.620	0.652	-5.2	70	0.00
91 T	1,2-Dichlorobenzene	1.428	1.459	-2.2	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.107	-9.2	75	0.00
93 T	1,2,4-Trichlorobenzene	1.052	1.110	-5.5	68	0.00
94 T	Hexachlorobutadiene	0.620	0.660	-6.5	70	0.00
95 T	Naphthalene	1.715	1.920	-12.0	70	0.00
96 T	1,2,3-Trichlorobenzene	0.929	0.962	-3.6	67	0.00

(#) = Out of Range

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