

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121719\
 Data File : VD064557.D
 Acq On : 17 Dec 2019 20:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 03:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 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)
1 I	Pentafluorobenzene	1.000	1.000	0.0	69	0.00
2 T	Dichlorodifluoromethane	0.453	0.349	23.0#	56	0.00
3 P	Chloromethane	0.571	0.472	17.3	60	0.00
4 C	Vinyl Chloride	0.660	0.568	13.9#	60	0.00
5 T	Bromomethane	0.488	0.426	12.7	64	0.00
6 T	Chloroethane	0.441	0.398	9.8	63	0.00
7 T	Trichlorofluoromethane	1.097	0.988	9.9	63	0.00
8 T	Diethyl Ether	0.228	0.205	10.1	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.410	12.8	62	0.00
10 T	Methyl Iodide	0.497	0.455	8.5	56	0.00
11 T	Tert butyl alcohol	0.029	0.024	17.2	57	0.00
12 CM	1,1-Dichloroethene	0.451	0.388	14.0#	60	0.00
13 T	Acrolein	0.039	0.040	-2.6	74	0.00
14 T	Allyl chloride	0.703	0.636	9.5	62	0.00
15 T	Acrylonitrile	0.100	0.087	13.0	61	0.00
16 T	Acetone	0.091	0.081	11.0	58	0.00
17 T	Carbon Disulfide	1.427	1.174	17.7	56	0.00
18 T	Methyl Acetate	0.267	0.262	1.9	70	0.00
19 T	Methyl tert-butyl Ether	1.034	0.922	10.8	61	0.00
20 T	Methylene Chloride	0.526	0.460	12.5	65	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.458	10.2	62	0.00
22 T	Diisopropyl ether	1.388	1.301	6.3	64	0.00
23 T	Vinyl Acetate	0.819	0.720	12.1	59	0.00
24 P	1,1-Dichloroethane	0.835	0.792	5.1	65	0.00
25 T	2-Butanone	0.129	0.111	14.0	58	0.00
26 T	2,2-Dichloropropane	0.726	0.656	9.6	63	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.515	7.4	64	0.00
28 T	Bromochloromethane	0.285	0.325	-14.0	74	0.00
29 T	Tetrahydrofuran	0.082	0.071	13.4	60	0.00
30 C	Chloroform	0.865	0.827	4.4#	65	0.00
31 T	Cyclohexane	0.818	0.682	16.6	61	0.00
32 T	1,1,1-Trichloroethane	0.802	0.753	6.1	65	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.498	-9.9	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.315	0.348	-10.5	79	0.00
36 T	1,1-Dichloropropene	0.473	0.415	12.3	64	0.00
37 T	Ethyl Acetate	0.201	0.175	12.9	61	0.00
38 T	Carbon Tetrachloride	0.499	0.451	9.6	63	0.00
39 T	Methylcyclohexane	0.587	0.490	16.5	59	0.00
40 TM	Benzene	1.314	1.203	8.4	64	0.00
41 T	Methacrylonitrile	0.115	0.092	20.0#	49#	0.00
42 TM	1,2-Dichloroethane	0.383	0.351	8.4	65	0.00
43 T	Isopropyl Acetate	0.395	0.341	13.7	60	0.00
44 TM	Trichloroethene	0.396	0.346	12.6	63	0.00
45 C	1,2-Dichloropropane	0.314	0.294	6.4#	64	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.162	8.5	64	0.00
47 T	Bromodichloromethane	0.456	0.436	4.4	66	0.00
48 T	Methyl methacrylate	0.181	0.159	12.2	62	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	65	0.00
50 S	Toluene-d8	1.187	1.285	-8.3	79	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.168	13.8	60	0.00
52 CM	Toluene	0.856	0.777	9.2#	65	0.00
53 T	t-1,3-Dichloropropene	0.434	0.395	9.0	62	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.470	8.9	63	0.00
55 T	1,1,2-Trichloroethane	0.243	0.214	11.9	63	0.00
56 T	Ethyl methacrylate	0.310	0.274	11.6	61	0.00
57 T	1,3-Dichloropropane	0.413	0.380	8.0	65	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.109	11.4	66	0.00
59 T	2-Hexanone	0.135	0.115	14.8	59	0.00
60 T	Dibromochloromethane	0.329	0.302	8.2	64	0.00
61 T	1,2-Dibromoethane	0.242	0.215	11.2	63	0.00
62 S	4-Bromofluorobenzene	0.381	0.409	-7.3	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.381	0.342	10.2	65	0.00
65 PM	Chlorobenzene	1.043	0.921	11.7	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.353	8.5	66	0.00
67 C	Ethyl Benzene	1.855	1.604	13.5#	64	0.00
68 T	m/p-Xylenes	0.707	0.618	12.6	64	0.00
69 T	o-Xylene	0.653	0.562	13.9	63	0.00
70 T	Styrene	1.135	1.015	10.6	65	0.00
71 P	Bromoform	0.231	0.200	13.4	64	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.596	3.074	14.5	64	0.00
74 T	N-amyl acetate	0.816	0.667	18.3	59	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.490	17.6	61	0.00
76 T	1,2,3-Trichloropropane	0.411	0.393	4.4	75	0.00
77 T	Bromobenzene	0.888	0.771	13.2	64	0.00
78 T	n-propylbenzene	4.149	3.582	13.7	64	0.00
79 T	2-Chlorotoluene	2.283	1.933	15.3	63	0.00
80 T	1,3,5-Trimethylbenzene	2.939	2.502	14.9	63	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.160	15.3	62	0.00
82 T	4-Chlorotoluene	2.417	2.052	15.1	64	0.00
83 T	tert-Butylbenzene	2.555	2.189	14.3	64	0.00
84 T	1,2,4-Trimethylbenzene	2.955	2.510	15.1	64	0.00
85 T	sec-Butylbenzene	3.506	2.973	15.2	63	0.00
86 T	p-Isopropyltoluene	3.310	2.843	14.1	64	0.00
87 T	1,3-Dichlorobenzene	1.685	1.457	13.5	65	0.00
88 T	1,4-Dichlorobenzene	1.664	1.401	15.8	63	0.00
89 T	n-Butylbenzene	3.006	2.528	15.9	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.539	12.9	65	0.00
91 T	1,2-Dichlorobenzene	1.440	1.245	13.5	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.080	20.0#	64	0.00
93 T	1,2,4-Trichlorobenzene	1.103	0.911	17.4	62	0.00
94 T	Hexachlorobutadiene	0.681	0.551	19.1	59	0.00
95 T	Naphthalene	1.841	1.483	19.4	60	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.773	17.9	60	0.00

(#) = Out of Range

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