

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064506.D
 Acq On : 13 Dec 2019 14:42
 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: Dec 14 00:11:19 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	85	0.00
2 T	Dichlorodifluoromethane	0.453	0.439	3.1	87	0.00
3 P	Chloromethane	0.571	0.546	4.4	85	0.00
4 C	Vinyl Chloride	0.660	0.688	-4.2#	90	0.00
5 T	Bromomethane	0.488	0.457	6.4	85	0.00
6 T	Chloroethane	0.441	0.457	-3.6	90	0.00
7 T	Trichlorofluoromethane	1.097	1.194	-8.8	94	0.00
8 T	Diethyl Ether	0.228	0.233	-2.2	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.506	-7.7	94	0.00
10 T	Methyl Iodide	0.497	0.561	-12.9	85	0.00
11 T	Tert butyl alcohol	0.029	0.024	17.2	70	0.00
12 CM	1,1-Dichloroethene	0.451	0.468	-3.8#	89	0.00
13 T	Acrolein	0.039	0.036	7.7	83	0.00
14 T	Allyl chloride	0.703	0.726	-3.3	88	0.00
15 T	Acrylonitrile	0.100	0.098	2.0	85	0.00
16 T	Acetone	0.091	0.093	-2.2	81	0.00
17 T	Carbon Disulfide	1.427	1.417	0.7	84	0.00
18 T	Methyl Acetate	0.267	0.252	5.6	83	0.00
19 T	Methyl tert-butyl Ether	1.034	1.038	-0.4	84	0.00
20 T	Methylene Chloride	0.526	0.504	4.2	88	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.535	-4.9	89	0.00
22 T	Diisopropyl ether	1.388	1.427	-2.8	87	0.00
23 T	Vinyl Acetate	0.819	0.837	-2.2	84	0.00
24 P	1,1-Dichloroethane	0.835	0.878	-5.1	88	0.00
25 T	2-Butanone	0.129	0.125	3.1	81	0.00
26 T	2,2-Dichloropropane	0.726	0.808	-11.3	95	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.583	-4.9	89	0.00
28 T	Bromochloromethane	0.285	0.300	-5.3	84	0.00
29 T	Tetrahydrofuran	0.082	0.078	4.9	81	0.00
30 C	Chloroform	0.865	0.914	-5.7#	89	0.00
31 T	Cyclohexane	0.818	0.830	-1.5	92	0.00
32 T	1,1,1-Trichloroethane	0.802	0.871	-8.6	92	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.460	-1.5	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.315	0.334	-6.0	90	0.00
36 T	1,1-Dichloropropene	0.473	0.505	-6.8	92	0.00
37 T	Ethyl Acetate	0.201	0.193	4.0	81	0.00
38 T	Carbon Tetrachloride	0.499	0.567	-13.6	95	0.00
39 T	Methylcyclohexane	0.587	0.632	-7.7	90	0.00
40 TM	Benzene	1.314	1.386	-5.5	88	0.00
41 T	Methacrylonitrile	0.115	0.102	11.3	65	0.00
42 TM	1,2-Dichloroethane	0.383	0.398	-3.9	88	0.00
43 T	Isopropyl Acetate	0.395	0.395	0.0	83	0.00
44 TM	Trichloroethene	0.396	0.420	-6.1	91	0.00
45 C	1,2-Dichloropropane	0.314	0.332	-5.7#	87	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.182	-2.8	85	0.00
47 T	Bromodichloromethane	0.456	0.492	-7.9	89	0.00
48 T	Methyl methacrylate	0.181	0.178	1.7	82	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50 S	Toluene-d8	1.187	1.246	-5.0	91	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.193	1.0	83	0.00
52 CM	Toluene	0.856	0.913	-6.7#	91	0.00
53 T	t-1,3-Dichloropropene	0.434	0.459	-5.8	86	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.554	-7.4	88	0.00
55 T	1,1,2-Trichloroethane	0.243	0.249	-2.5	87	0.00
56 T	Ethyl methacrylate	0.310	0.309	0.3	82	0.00
57 T	1,3-Dichloropropane	0.413	0.420	-1.7	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.116	5.7	84	0.00
59 T	2-Hexanone	0.135	0.133	1.5	81	0.00
60 T	Dibromochloromethane	0.329	0.347	-5.5	88	0.00
61 T	1,2-Dibromoethane	0.242	0.246	-1.7	86	0.00
62 S	4-Bromofluorobenzene	0.381	0.388	-1.8	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.381	0.402	-5.5	89	0.00
65 PM	Chlorobenzene	1.043	1.084	-3.9	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.412	-6.7	89	0.00
67 C	Ethyl Benzene	1.855	1.984	-7.0#	91	0.00
68 T	m/p-Xylenes	0.707	0.759	-7.4	90	0.00
69 T	o-Xylene	0.653	0.698	-6.9	90	0.00
70 T	Styrene	1.135	1.224	-7.8	91	0.00
71 P	Bromoform	0.231	0.236	-2.2	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.596	3.813	-6.0	92	0.00
74 T	N-amyl acetate	0.816	0.779	4.5	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.570	4.2	83	0.00
76 T	1,2,3-Trichloropropane	0.411	0.350	14.8	78	0.00
77 T	Bromobenzene	0.888	0.898	-1.1	87	0.00
78 T	n-propylbenzene	4.149	4.382	-5.6	92	0.00
79 T	2-Chlorotoluene	2.283	2.331	-2.1	89	0.00
80 T	1,3,5-Trimethylbenzene	2.939	3.084	-4.9	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.193	-2.1	88	0.00
82 T	4-Chlorotoluene	2.417	2.485	-2.8	90	0.00
83 T	tert-Butylbenzene	2.555	2.695	-5.5	92	0.00
84 T	1,2,4-Trimethylbenzene	2.955	3.070	-3.9	91	0.00
85 T	sec-Butylbenzene	3.506	3.715	-6.0	92	0.00
86 T	p-Isopropyltoluene	3.310	3.506	-5.9	92	0.00
87 T	1,3-Dichlorobenzene	1.685	1.755	-4.2	91	0.00
88 T	1,4-Dichlorobenzene	1.664	1.701	-2.2	90	0.00
89 T	n-Butylbenzene	3.006	3.210	-6.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.671	-8.4	94	0.00
91 T	1,2-Dichlorobenzene	1.440	1.473	-2.3	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.086	14.0	80	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.096	0.6	87	0.00
94 T	Hexachlorobutadiene	0.681	0.699	-2.6	88	0.00
95 T	Naphthalene	1.841	1.802	2.1	84	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.945	-0.3	86	0.00

(#) = Out of Range

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