

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD101619\
 Data File : VD063980.D
 Acq On : 16 Oct 2019 11:30
 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 16 13:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 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	95	0.00
2 T	Dichlorodifluoromethane	0.355	0.285	19.7	86	0.00
3 P	Chloromethane	1.086	0.963	11.3	91	0.00
4 C	Vinyl Chloride	1.146	1.121	2.2#	97	0.00
5 T	Bromomethane	0.737	0.668	9.4	91	0.00
6 T	Chloroethane	0.758	0.709	6.5	95	0.00
7 T	Trichlorofluoromethane	1.515	1.560	-3.0	103	0.00
8 T	Diethyl Ether	0.243	0.215	11.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.419	0.365	12.9	90	0.00
10 T	Methyl Iodide	0.578	0.485	16.1	81	0.00
11 T	Tert butyl alcohol	0.035	0.026	25.7#	74	-0.02
12 CM	1,1-Dichloroethene	0.419	0.352	16.0#	85	0.00
13 T	Acrolein	0.043	0.033	23.3#	71	0.00
14 T	Allyl chloride	0.697	0.631	9.5	90	0.00
15 T	Acrylonitrile	0.107	0.101	5.6	92	0.00
16 T	Acetone	0.127	0.113	11.0	78	0.00
17 T	Carbon Disulfide	1.523	1.229	19.3	81	0.01
18 T	Methyl Acetate	0.248	0.239	3.6	97	0.00
19 T	Methyl tert-butyl Ether	1.085	0.942	13.2	85	0.00
20 T	Methylene Chloride	0.650	0.516	20.6#	90	0.00
21 T	trans-1,2-Dichloroethene	0.522	0.502	3.8	96	-0.01
22 T	Diisopropyl ether	1.423	1.377	3.2	94	0.00
23 T	Vinyl Acetate	0.846	0.808	4.5	92	0.00
24 P	1,1-Dichloroethane	0.876	0.835	4.7	92	0.00
25 T	2-Butanone	0.150	0.144	4.0	88	0.00
26 T	2,2-Dichloropropane	0.793	0.742	6.4	94	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.584	1.0	98	0.00
28 T	Bromochloromethane	0.328	0.377	-14.9	108	0.00
29 T	Tetrahydrofuran	0.088	0.077	12.5	89	0.00
30 C	Chloroform	0.952	0.909	4.5#	96	0.00
31 T	Cyclohexane	0.822	0.789	4.0	101	0.00
32 T	1,1,1-Trichloroethane	0.817	0.823	-0.7	99	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.454	6.8	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.306	0.301	1.6	91	0.00
36 T	1,1-Dichloropropene	0.457	0.466	-2.0	99	0.00
37 T	Ethyl Acetate	0.207	0.165	20.3#	79	0.00
38 T	Carbon Tetrachloride	0.462	0.485	-5.0	101	0.00
39 T	Methylcyclohexane	0.562	0.589	-4.8	100	0.00
40 TM	Benzene	1.310	1.350	-3.1	98	0.00
41 T	Methacrylonitrile	0.106	0.119	-12.3	130	0.02
42 TM	1,2-Dichloroethane	0.379	0.368	2.9	91	0.00
43 T	Isopropyl Acetate	0.383	0.344	10.2	87	0.00
44 TM	Trichloroethene	0.378	0.387	-2.4	96	0.00
45 C	1,2-Dichloropropane	0.321	0.319	0.6#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.183	0.176	3.8	89	0.00
47 T	Bromodichloromethane	0.470	0.473	-0.6	95	0.00
48 T	Methyl methacrylate	0.184	0.168	8.7	92	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	1.240	1.298	-4.7	96	0.00
51 T	4-Methyl-2-Pentanone	0.199	0.184	7.5	89	0.00
52 CM	Toluene	0.899	0.943	-4.9#	99	0.00
53 T	t-1,3-Dichloropropene	0.459	0.457	0.4	91	0.00
54 T	cis-1,3-Dichloropropene	0.528	0.532	-0.8	95	0.00
55 T	1,1,2-Trichloroethane	0.258	0.267	-3.5	98	0.00
56 T	Ethyl methacrylate	0.327	0.316	3.4	90	0.00
57 T	1,3-Dichloropropane	0.441	0.442	-0.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.146	-4.3	96	0.00
59 T	2-Hexanone	0.144	0.140	2.8	86	0.00
60 T	Dibromochloromethane	0.336	0.347	-3.3	96	0.00
61 T	1,2-Dibromoethane	0.250	0.261	-4.4	94	0.00
62 S	4-Bromofluorobenzene	0.431	0.438	-1.6	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.341	0.342	-0.3	99	0.00
65 PM	Chlorobenzene	1.004	1.030	-2.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.381	-3.0	98	0.00
67 C	Ethyl Benzene	1.811	1.878	-3.7#	100	0.00
68 T	m/p-Xylenes	0.699	0.730	-4.4	98	0.00
69 T	o-Xylene	0.669	0.700	-4.6	100	0.00
70 T	Styrene	1.133	1.193	-5.3	97	0.00
71 P	Bromoform	0.199	0.202	-1.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.361	3.420	-1.8	100	0.00
74 T	N-amyl acetate	0.724	0.628	13.3	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.585	0.545	6.8	95	0.00
76 T	1,2,3-Trichloropropane	0.335	0.361	-7.8	103	0.00
77 T	Bromobenzene	0.837	0.840	-0.4	98	0.00
78 T	n-propylbenzene	3.945	4.081	-3.4	101	0.00
79 T	2-Chlorotoluene	2.175	2.137	1.7	97	0.00
80 T	1,3,5-Trimethylbenzene	2.804	2.864	-2.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.174	7.9	91	0.00
82 T	4-Chlorotoluene	2.308	2.292	0.7	97	0.00
83 T	tert-Butylbenzene	2.496	2.508	-0.5	99	0.00
84 T	1,2,4-Trimethylbenzene	2.891	2.928	-1.3	100	0.00
85 T	sec-Butylbenzene	3.370	3.588	-6.5	104	0.00
86 T	p-Isopropyltoluene	3.189	3.409	-6.9	104	0.00
87 T	1,3-Dichlorobenzene	1.655	1.685	-1.8	100	0.00
88 T	1,4-Dichlorobenzene	1.632	1.684	-3.2	102	0.00
89 T	n-Butylbenzene	2.969	3.109	-4.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.574	0.619	-7.8	104	0.00
91 T	1,2-Dichlorobenzene	1.426	1.464	-2.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.088	12.9	86	0.00
93 T	1,2,4-Trichlorobenzene	1.100	1.106	-0.5	98	0.00
94 T	Hexachlorobutadiene	0.607	0.622	-2.5	99	0.00
95 T	Naphthalene	1.849	1.823	1.4	92	0.01
96 T	1,2,3-Trichlorobenzene	0.949	0.944	0.5	96	0.01

(#) = Out of Range

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