

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD022720\
 Data File : VD065338.D
 Acq On : 27 Feb 2020 10:10
 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: Feb 28 00:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 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)
1 I	Pentafluorobenzene	1.000	1.000	0.0	90	0.00
2 T	Dichlorodifluoromethane	0.419	0.429	-2.4	93	0.00
3 P	Chloromethane	0.534	0.512	4.1	93	0.00
4 C	Vinyl Chloride	0.543	0.521	4.1#	90	0.00
5 T	Bromomethane	0.328	0.313	4.6	97	0.00
6 T	Chloroethane	0.331	0.314	5.1	90	0.00
7 T	Trichlorofluoromethane	0.777	0.782	-0.6	96	0.00
8 T	Diethyl Ether	0.235	0.220	6.4	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.502	-2.2	99	0.00
10 T	Methyl Iodide	0.510	0.541	-6.1	89	0.00
11 T	Tert butyl alcohol	0.027	0.024	11.1	87	-0.02
12 CM	1,1-Dichloroethene	0.464	0.469	-1.1#	95	0.00
13 T	Acrolein	0.040	0.030	25.0#	91	0.00
14 T	Allyl chloride	0.753	0.742	1.5	92	0.00
15 T	Acrylonitrile	0.104	0.098	5.8	87	0.00
16 T	Acetone	0.110	0.115	-4.5	89	0.00
17 T	Carbon Disulfide	1.554	1.505	3.2	92	0.00
18 T	Methyl Acetate	0.247	0.226	8.5	88	0.00
19 T	Methyl tert-butyl Ether	0.967	0.938	3.0	87	0.00
20 T	Methylene Chloride	0.558	0.506	9.3	94	0.00
21 T	trans-1,2-Dichloroethene	0.527	0.538	-2.1	96	0.00
22 T	Diisopropyl ether	1.451	1.466	-1.0	91	0.00
23 T	Vinyl Acetate	0.800	0.801	-0.1	86	0.00
24 P	1,1-Dichloroethane	0.900	0.903	-0.3	96	0.00
25 T	2-Butanone	0.139	0.133	4.3	83	0.00
26 T	2,2-Dichloropropane	0.781	0.803	-2.8	100	0.00
27 T	cis-1,2-Dichloroethene	0.558	0.567	-1.6	95	0.00
28 T	Bromochloromethane	0.334	0.334	0.0	99	0.00
29 T	Tetrahydrofuran	0.082	0.078	4.9	84	0.00
30 C	Chloroform	0.907	0.906	0.1#	95	0.00
31 T	Cyclohexane	0.884	0.855	3.3	94	0.00
32 T	1,1,1-Trichloroethane	0.811	0.817	-0.7	97	0.00
33 S	1,2-Dichloroethane-d4	0.450	0.441	2.0	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.305	0.329	-7.9	94	0.00
36 T	1,1-Dichloropropene	0.487	0.524	-7.6	98	0.00
37 T	Ethyl Acetate	0.203	0.191	5.9	86	0.00
38 T	Carbon Tetrachloride	0.495	0.534	-7.9	99	0.00
39 T	Methylcyclohexane	0.572	0.632	-10.5	96	0.00
40 TM	Benzene	1.373	1.468	-6.9	97	0.00
41 T	Methacrylonitrile	0.117	0.096	17.9	76	0.00
42 TM	1,2-Dichloroethane	0.378	0.369	2.4	88	0.00
43 T	Isopropyl Acetate	0.370	0.359	3.0	84	0.00
44 TM	Trichloroethene	0.381	0.412	-8.1	99	0.00
45 C	1,2-Dichloropropane	0.341	0.362	-6.2#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.180	-2.3	91	0.00
47 T	Bromodichloromethane	0.463	0.482	-4.1	94	0.00
48 T	Methyl methacrylate	0.171	0.172	-0.6	83	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50 S	Toluene-d8	1.165	1.304	-11.9	95	0.00
51 T	4-Methyl-2-Pentanone	0.188	0.189	-0.5	85	0.00
52 CM	Toluene	0.850	0.947	-11.4#	97	0.00
53 T	t-1,3-Dichloropropene	0.429	0.450	-4.9	91	0.00
54 T	cis-1,3-Dichloropropene	0.518	0.549	-6.0	93	0.00
55 T	1,1,2-Trichloroethane	0.247	0.253	-2.4	92	0.00
56 T	Ethyl methacrylate	0.285	0.300	-5.3	87	0.00
57 T	1,3-Dichloropropane	0.421	0.435	-3.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.090	0.081	10.0	87	0.00
59 T	2-Hexanone	0.134	0.146	-9.0	87	0.00
60 T	Dibromochloromethane	0.316	0.331	-4.7	93	0.00
61 T	1,2-Dibromoethane	0.234	0.244	-4.3	92	0.00
62 S	4-Bromofluorobenzene	0.369	0.409	-10.8	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.355	0.389	-9.6	100	0.00
65 PM	Chlorobenzene	1.003	1.078	-7.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.400	-7.0	97	0.00
67 C	Ethyl Benzene	1.757	1.951	-11.0#	97	0.00
68 T	m/p-Xylenes	0.672	0.750	-11.6	97	0.00
69 T	o-Xylene	0.596	0.665	-11.6	95	0.00
70 T	Styrene	1.058	1.177	-11.2	95	0.00
71 P	Bromoform	0.208	0.216	-3.8	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.310	3.757	-13.5	99	0.00
74 T	N-amyl acetate	0.736	0.736	0.0	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.597	0.597	0.0	91	0.00
76 T	1,2,3-Trichloropropane	0.425	0.436	-2.6	99	0.00
77 T	Bromobenzene	0.822	0.879	-6.9	95	0.00
78 T	n-propylbenzene	3.978	4.496	-13.0	99	0.00
79 T	2-Chlorotoluene	2.228	2.435	-9.3	97	0.00
80 T	1,3,5-Trimethylbenzene	2.726	3.079	-12.9	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.197	0.194	1.5	87	0.00
82 T	4-Chlorotoluene	2.366	2.549	-7.7	97	0.00
83 T	tert-Butylbenzene	2.285	2.646	-15.8	101	0.00
84 T	1,2,4-Trimethylbenzene	2.729	3.071	-12.5	98	0.00
85 T	sec-Butylbenzene	3.293	3.686	-11.9	99	0.00
86 T	p-Isopropyltoluene	3.011	3.434	-14.0	99	0.00
87 T	1,3-Dichlorobenzene	1.589	1.677	-5.5	96	0.00
88 T	1,4-Dichlorobenzene	1.568	1.641	-4.7	96	0.00
89 T	n-Butylbenzene	2.775	3.173	-14.3	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.611	0.654	-7.0	99	0.00
91 T	1,2-Dichlorobenzene	1.364	1.444	-5.9	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.088	4.3	86	0.00
93 T	1,2,4-Trichlorobenzene	0.893	0.984	-10.2	96	0.00
94 T	Hexachlorobutadiene	0.573	0.637	-11.2	104	0.00
95 T	Naphthalene	1.451	1.591	-9.6	91	0.00
96 T	1,2,3-Trichlorobenzene	0.779	0.854	-9.6	97	0.00

(#) = Out of Range

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