

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD022820\
 Data File : VD065367.D
 Acq On : 28 Feb 2020 19:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 28 22:18:15 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	75	0.00
2 T	Dichlorodifluoromethane	0.419	0.427	-1.9	77	0.00
3 P	Chloromethane	0.534	0.525	1.7	79	0.00
4 C	Vinyl Chloride	0.543	0.512	5.7#	74	0.00
5 T	Bromomethane	0.328	0.331	-0.9	86	0.00
6 T	Chloroethane	0.331	0.325	1.8	78	0.00
7 T	Trichlorofluoromethane	0.777	0.798	-2.7	82	0.00
8 T	Diethyl Ether	0.235	0.276	-17.4	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.511	-4.1	84	0.00
10 T	Methyl Iodide	0.510	0.560	-9.8	77	0.00
11 T	Tert butyl alcohol	0.027	0.031	-14.8	95	-0.01
12 CM	1,1-Dichloroethene	0.464	0.477	-2.8#	81	0.00
13 T	Acrolein	0.040	0.041	-2.5	105	0.00
14 T	Allyl chloride	0.753	0.811	-7.7	84	0.00
15 T	Acrylonitrile	0.104	0.127	-22.1#	94	0.00
16 T	Acetone	0.110	0.109	0.9	70	0.00
17 T	Carbon Disulfide	1.554	1.508	3.0	77	0.00
18 T	Methyl Acetate	0.247	0.291	-17.8	94	0.00
19 T	Methyl tert-butyl Ether	0.967	1.167	-20.7#	90	0.00
20 T	Methylene Chloride	0.558	0.611	-9.5	94	0.00
21 T	trans-1,2-Dichloroethene	0.527	0.577	-9.5	86	0.00
22 T	Diisopropyl ether	1.451	1.738	-19.8	90	0.00
23 T	Vinyl Acetate	0.800	0.995	-24.4#	89	0.00
24 P	1,1-Dichloroethane	0.900	1.002	-11.3	88	0.00
25 T	2-Butanone	0.139	0.156	-12.2	82	0.00
26 T	2,2-Dichloropropane	0.781	0.821	-5.1	85	0.00
27 T	cis-1,2-Dichloroethene	0.558	0.635	-13.8	89	0.00
28 T	Bromochloromethane	0.334	0.412	-23.4#	102	0.00
29 T	Tetrahydrofuran	0.082	0.101	-23.2#	90	0.00
30 C	Chloroform	0.907	1.017	-12.1#	89	0.00
31 T	Cyclohexane	0.884	0.870	1.6	80	0.00
32 T	1,1,1-Trichloroethane	0.811	0.873	-7.6	87	0.00
33 S	1,2-Dichloroethane-d4	0.450	0.489	-8.7	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.305	0.330	-8.2	84	0.00
36 T	1,1-Dichloropropene	0.487	0.507	-4.1	84	0.00
37 T	Ethyl Acetate	0.203	0.229	-12.8	91	0.00
38 T	Carbon Tetrachloride	0.495	0.513	-3.6	84	0.00
39 T	Methylcyclohexane	0.572	0.602	-5.2	81	0.00
40 TM	Benzene	1.373	1.509	-9.9	88	0.00
41 T	Methacrylonitrile	0.117	0.129	-10.3	90	0.00
42 TM	1,2-Dichloroethane	0.378	0.423	-11.9	90	0.00
43 T	Isopropyl Acetate	0.370	0.429	-15.9	89	0.00
44 TM	Trichloroethene	0.381	0.413	-8.4	88	0.00
45 C	1,2-Dichloropropane	0.341	0.390	-14.4#	91	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.206	-17.0	92	0.00
47 T	Bromodichloromethane	0.463	0.526	-13.6	91	0.00
48 T	Methyl methacrylate	0.171	0.203	-18.7	87	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	94	0.00
50 S	Toluene-d8	1.165	1.254	-7.6	81	0.00
51 T	4-Methyl-2-Pentanone	0.188	0.229	-21.8#	92	0.00
52 CM	Toluene	0.850	0.966	-13.6#	87	0.00
53 T	t-1,3-Dichloropropene	0.429	0.506	-17.9	91	0.00
54 T	cis-1,3-Dichloropropene	0.518	0.607	-17.2	91	0.00
55 T	1,1,2-Trichloroethane	0.247	0.288	-16.6	93	0.00
56 T	Ethyl methacrylate	0.285	0.363	-27.4#	94	0.00
57 T	1,3-Dichloropropane	0.421	0.498	-18.3	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.090	0.094	-4.4	89	0.00
59 T	2-Hexanone	0.134	0.155	-15.7	81	0.00
60 T	Dibromochloromethane	0.316	0.374	-18.4	94	0.00
61 T	1,2-Dibromoethane	0.234	0.281	-20.1#	94	0.00
62 S	4-Bromofluorobenzene	0.369	0.416	-12.7	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.355	0.368	-3.7	88	0.00
65 PM	Chlorobenzene	1.003	1.088	-8.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.411	-9.9	93	0.00
67 C	Ethyl Benzene	1.757	1.918	-9.2#	89	0.00
68 T	m/p-Xylenes	0.672	0.739	-10.0	88	0.00
69 T	o-Xylene	0.596	0.672	-12.8	89	0.00
70 T	Styrene	1.058	1.206	-14.0	90	0.00
71 P	Bromoform	0.208	0.237	-13.9	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.310	3.549	-7.2	89	0.00
74 T	N-amyl acetate	0.736	0.816	-10.9	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.597	0.651	-9.0	95	0.00
76 T	1,2,3-Trichloropropane	0.425	0.456	-7.3	98	0.00
77 T	Bromobenzene	0.822	0.897	-9.1	93	0.00
78 T	n-propylbenzene	3.978	4.209	-5.8	88	0.00
79 T	2-Chlorotoluene	2.228	2.381	-6.9	91	0.00
80 T	1,3,5-Trimethylbenzene	2.726	2.963	-8.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.197	0.212	-7.6	91	0.00
82 T	4-Chlorotoluene	2.366	2.519	-6.5	91	0.00
83 T	tert-Butylbenzene	2.285	2.448	-7.1	89	0.00
84 T	1,2,4-Trimethylbenzene	2.729	2.971	-8.9	91	0.00
85 T	sec-Butylbenzene	3.293	3.464	-5.2	89	0.00
86 T	p-Isopropyltoluene	3.011	3.226	-7.1	89	0.00
87 T	1,3-Dichlorobenzene	1.589	1.685	-6.0	92	0.00
88 T	1,4-Dichlorobenzene	1.568	1.668	-6.4	93	0.00
89 T	n-Butylbenzene	2.775	2.986	-7.6	90	0.00

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90 T	Hexachloroethane	0.611	0.638	-4.4	92	0.00
91 T	1,2-Dichlorobenzene	1.364	1.490	-9.2	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.100	-8.7	93	0.00
93 T	1,2,4-Trichlorobenzene	0.893	1.033	-15.7	96	0.00
94 T	Hexachlorobutadiene	0.573	0.594	-3.7	93	0.00
95 T	Naphthalene	1.451	1.788	-23.2#	98	0.00
96 T	1,2,3-Trichlorobenzene	0.779	0.898	-15.3	97	0.00

(#) = Out of Range

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