

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012920\
 Data File : VD065001.D
 Acq On : 29 Jan 2020 17:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 29 22:26:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 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	97	0.00
2 T	Dichlorodifluoromethane	0.377	0.355	5.8	90	0.00
3 P	Chloromethane	0.552	0.537	2.7	97	0.00
4 C	Vinyl Chloride	0.634	0.596	6.0#	92	0.00
5 T	Bromomethane	0.427	0.381	10.8	91	0.00
6 T	Chloroethane	0.418	0.395	5.5	93	0.00
7 T	Trichlorofluoromethane	0.979	0.925	5.5	93	0.00
8 T	Diethyl Ether	0.221	0.218	1.4	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.456	0.448	1.8	97	0.00
10 T	Methyl Iodide	0.484	0.464	4.1	86	0.00
11 T	Tert butyl alcohol	0.027	0.025	7.4	83	0.01
12 CM	1,1-Dichloroethene	0.435	0.425	2.3#	97	0.00
13 T	Acrolein	0.033	0.036	-9.1	108	0.00
14 T	Allyl chloride	0.694	0.700	-0.9	98	0.00
15 T	Acrylonitrile	0.096	0.098	-2.1	101	0.00
16 T	Acetone	0.101	0.083	17.8	79	0.00
17 T	Carbon Disulfide	1.432	1.344	6.1	93	0.00
18 T	Methyl Acetate	0.225	0.221	1.8	98	0.00
19 T	Methyl tert-butyl Ether	0.972	0.997	-2.6	98	0.00
20 T	Methylene Chloride	0.556	0.533	4.1	108	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.496	1.0	98	0.00
22 T	Diisopropyl ether	1.383	1.453	-5.1	101	0.00
23 T	Vinyl Acetate	0.810	0.854	-5.4	99	0.00
24 P	1,1-Dichloroethane	0.849	0.858	-1.1	100	0.00
25 T	2-Butanone	0.130	0.124	4.6	90	0.00
26 T	2,2-Dichloropropane	0.770	0.752	2.3	97	0.00
27 T	cis-1,2-Dichloroethene	0.535	0.540	-0.9	100	0.00
28 T	Bromochloromethane	0.340	0.386	-13.5	99	0.00
29 T	Tetrahydrofuran	0.080	0.081	-1.3	98	0.00
30 C	Chloroform	0.878	0.889	-1.3#	101	0.00
31 T	Cyclohexane	0.836	0.769	8.0	94	0.00
32 T	1,1,1-Trichloroethane	0.817	0.803	1.7	97	0.00
33 S	1,2-Dichloroethane-d4	0.480	0.483	-0.6	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.314	0.318	-1.3	95	0.00
36 T	1,1-Dichloropropene	0.482	0.462	4.1	94	0.00
37 T	Ethyl Acetate	0.199	0.197	1.0	102	0.00
38 T	Carbon Tetrachloride	0.510	0.498	2.4	95	0.00
39 T	Methylcyclohexane	0.564	0.551	2.3	94	0.00
40 TM	Benzene	1.328	1.317	0.8	98	0.00
41 T	Methacrylonitrile	0.107	0.104	2.8	84	0.00
42 TM	1,2-Dichloroethane	0.396	0.391	1.3	98	0.00
43 T	Isopropyl Acetate	0.378	0.371	1.9	98	0.00
44 TM	Trichloroethene	0.372	0.366	1.6	99	0.00
45 C	1,2-Dichloropropane	0.322	0.324	-0.6#	102	0.00

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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)
46 T	Dibromomethane	0.176	0.173	1.7	100	0.00
47 T	Bromodichloromethane	0.457	0.466	-2.0	102	0.00
48 T	Methyl methacrylate	0.174	0.178	-2.3	98	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	99	0.00
50 S	Toluene-d8	1.213	1.194	1.6	91	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.192	-1.6	99	0.00
52 CM	Toluene	0.856	0.847	1.1#	98	0.00
53 T	t-1,3-Dichloropropene	0.436	0.447	-2.5	100	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.519	-1.8	100	0.00
55 T	1,1,2-Trichloroethane	0.237	0.235	0.8	99	0.00
56 T	Ethyl methacrylate	0.283	0.300	-6.0	100	0.00
57 T	1,3-Dichloropropane	0.406	0.414	-2.0	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.094	0.096	-2.1	110	0.00
59 T	2-Hexanone	0.131	0.128	2.3	93	0.00
60 T	Dibromochloromethane	0.316	0.319	-0.9	100	0.00
61 T	1,2-Dibromoethane	0.228	0.229	-0.4	100	0.00
62 S	4-Bromofluorobenzene	0.371	0.374	-0.8	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.361	0.343	5.0	94	0.00
65 PM	Chlorobenzene	1.015	0.996	1.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.378	1.0	99	0.00
67 C	Ethyl Benzene	1.802	1.826	-1.3#	99	0.00
68 T	m/p-Xylenes	0.694	0.714	-2.9	100	0.00
69 T	o-Xylene	0.616	0.640	-3.9	101	0.00
70 T	Styrene	1.097	1.154	-5.2	101	0.00
71 P	Bromoform	0.212	0.211	0.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.417	3.498	-2.4	99	0.00
74 T	N-amyl acetate	0.765	0.770	-0.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.574	0.568	1.0	100	0.00
76 T	1,2,3-Trichloropropane	0.415	0.403	2.9	89	0.00
77 T	Bromobenzene	0.836	0.849	-1.6	101	0.00
78 T	n-propylbenzene	4.064	4.107	-1.1	99	0.00
79 T	2-Chlorotoluene	2.230	2.240	-0.4	99	0.00
80 T	1,3,5-Trimethylbenzene	2.801	2.853	-1.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.194	0.190	2.1	97	0.00
82 T	4-Chlorotoluene	2.364	2.404	-1.7	102	0.00
83 T	tert-Butylbenzene	2.377	2.497	-5.0	102	0.00
84 T	1,2,4-Trimethylbenzene	2.837	2.906	-2.4	101	0.00
85 T	sec-Butylbenzene	3.365	3.345	0.6	98	0.00
86 T	p-Isopropyltoluene	3.149	3.216	-2.1	99	0.00
87 T	1,3-Dichlorobenzene	1.604	1.628	-1.5	103	0.00
88 T	1,4-Dichlorobenzene	1.592	1.569	1.4	100	0.00
89 T	n-Butylbenzene	2.874	2.868	0.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.607	0.600	1.2	98	0.00
91 T	1,2-Dichlorobenzene	1.362	1.372	-0.7	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.087	5.4	98	0.00
93 T	1,2,4-Trichlorobenzene	0.942	0.952	-1.1	101	0.00
94 T	Hexachlorobutadiene	0.596	0.567	4.9	97	0.00
95 T	Naphthalene	1.521	1.595	-4.9	101	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.829	-1.5	100	0.00

(#) = Out of Range

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