

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072220\
 Data File : VD066013.D
 Acq On : 22 Jul 2020 20:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 23 01:44:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 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	81	0.00
2 T	Dichlorodifluoromethane	0.379	0.306	19.3	70	0.00
3 P	Chloromethane	0.310	0.287	7.4	79	0.00
4 C	Vinyl Chloride	0.295	0.262	11.2#	73	0.00
5 T	Bromomethane	0.234	0.205	12.4	72	0.00
6 T	Chloroethane	0.176	0.173	1.7	78	0.00
7 T	Trichlorofluoromethane	0.717	0.656	8.5	74	0.00
8 T	Diethyl Ether	0.198	0.213	-7.6	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.433	0.396	8.5	74	0.00
10 T	Methyl Iodide	0.324	0.475	-46.6#	103	0.00
11 T	Tert butyl alcohol	0.033	0.024	27.3#	74	-0.01
12 CM	1,1-Dichloroethene	0.413	0.402	2.7#	78	0.00
13 T	Acrolein	0.034	0.035	-2.9	94	0.00
14 T	Allyl chloride	0.646	0.665	-2.9	80	0.00
15 T	Acrylonitrile	0.085	0.095	-11.8	90	0.00
16 T	Acetone	0.082	0.070	14.6	66	0.00
17 T	Carbon Disulfide	1.341	1.262	5.9	76	0.00
18 T	Methyl Acetate	0.192	0.204	-6.2	91	0.00
19 T	Methyl tert-butyl Ether	0.849	0.966	-13.8	91	0.00
20 T	Methylene Chloride	0.521	0.509	2.3	89	0.00
21 T	trans-1,2-Dichloroethene	0.467	0.483	-3.4	83	0.00
22 T	Diisopropyl ether	1.228	1.379	-12.3	88	0.00
23 T	Vinyl Acetate	0.692	0.796	-15.0	88	0.00
24 P	1,1-Dichloroethane	0.744	0.803	-7.9	85	0.00
25 T	2-Butanone	0.109	0.114	-4.6	83	0.00
26 T	2,2-Dichloropropane	0.669	0.629	6.0	75	0.00
27 T	cis-1,2-Dichloroethene	0.495	0.536	-8.3	86	0.00
28 T	Bromochloromethane	0.316	0.357	-13.0	99	0.00
29 T	Tetrahydrofuran	0.067	0.076	-13.4	89	0.00
30 C	Chloroform	0.778	0.843	-8.4#	87	0.00
31 T	Cyclohexane	0.732	0.652	10.9	73	0.00
32 T	1,1,1-Trichloroethane	0.720	0.737	-2.4	82	0.00
33 S	1,2-Dichloroethane-d4	0.407	0.465	-14.3	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.303	0.306	-1.0	103	0.00
36 T	1,1-Dichloropropene	0.427	0.395	7.5	79	0.00
37 T	Ethyl Acetate	0.163	0.169	-3.7	92	0.00
38 T	Carbon Tetrachloride	0.463	0.427	7.8	79	0.00
39 T	Methylcyclohexane	0.517	0.464	10.3	74	0.00
40 TM	Benzene	1.194	1.193	0.1	86	0.00
41 T	Methacrylonitrile	0.093	0.105	-12.9	95	-0.01
42 TM	1,2-Dichloroethane	0.327	0.343	-4.9	91	0.00
43 T	Isopropyl Acetate	0.318	0.337	-6.0	91	0.00
44 TM	Trichloroethene	0.361	0.347	3.9	84	0.00
45 C	1,2-Dichloropropane	0.289	0.293	-1.4#	87	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.156	0.168	-7.7	93	0.00
47 T	Bromodichloromethane	0.412	0.426	-3.4	90	0.00
48 T	Methyl methacrylate	0.161	0.162	-0.6	86	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	86	0.00
50 S	Toluene-d8	1.130	1.139	-0.8	98	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.174	-8.7	92	0.00
52 CM	Toluene	0.779	0.811	-4.1#	87	0.00
53 T	t-1,3-Dichloropropene	0.383	0.403	-5.2	91	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.481	-3.4	88	0.00
55 T	1,1,2-Trichloroethane	0.221	0.232	-5.0	92	0.00
56 T	Ethyl methacrylate	0.257	0.285	-10.9	91	0.00
57 T	1,3-Dichloropropane	0.365	0.393	-7.7	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.126	-2.4	101	0.00
59 T	2-Hexanone	0.111	0.118	-6.3	88	0.00
60 T	Dibromochloromethane	0.298	0.316	-6.0	93	0.00
61 T	1,2-Dibromoethane	0.213	0.230	-8.0	93	0.00
62 S	4-Bromofluorobenzene	0.392	0.405	-3.3	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.339	0.322	5.0	84	0.00
65 PM	Chlorobenzene	0.915	0.933	-2.0	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.338	0.356	-5.3	92	0.00
67 C	Ethyl Benzene	1.575	1.591	-1.0#	88	0.00
68 T	m/p-Xylenes	0.606	0.613	-1.2	87	0.00
69 T	o-Xylene	0.551	0.577	-4.7	89	0.00
70 T	Styrene	0.946	1.024	-8.2	92	0.00
71 P	Bromoform	0.198	0.212	-7.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.025	2.991	1.1	87	0.00
74 T	N-amyl acetate	0.627	0.674	-7.5	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.500	0.507	-1.4	94	0.00
76 T	1,2,3-Trichloropropane	0.376	0.302	19.7	77	0.00
77 T	Bromobenzene	0.773	0.779	-0.8	93	0.00
78 T	n-propylbenzene	3.511	3.431	2.3	86	0.00
79 T	2-Chlorotoluene	2.006	1.998	0.4	90	0.00
80 T	1,3,5-Trimethylbenzene	2.486	2.535	-2.0	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.164	0.167	-1.8	94	0.00
82 T	4-Chlorotoluene	2.117	2.109	0.4	90	0.00
83 T	tert-Butylbenzene	2.175	2.175	0.0	87	0.00
84 T	1,2,4-Trimethylbenzene	2.452	2.521	-2.8	91	0.00
85 T	sec-Butylbenzene	2.996	2.898	3.3	85	0.00
86 T	p-Isopropyltoluene	2.722	2.689	1.2	86	0.00
87 T	1,3-Dichlorobenzene	1.436	1.430	0.4	92	0.00
88 T	1,4-Dichlorobenzene	1.451	1.449	0.1	93	0.00
89 T	n-Butylbenzene	2.531	2.421	4.3	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.563	0.539	4.3	89	0.00
91 T	1,2-Dichlorobenzene	1.244	1.290	-3.7	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.085	-3.7	98	0.00
93 T	1,2,4-Trichlorobenzene	0.893	0.932	-4.4	95	0.00
94 T	Hexachlorobutadiene	0.552	0.527	4.5	87	0.00
95 T	Naphthalene	1.425	1.610	-13.0	101	0.00
96 T	1,2,3-Trichlorobenzene	0.776	0.814	-4.9	96	0.00

(#) = Out of Range

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